# Helena Matute

List of Publications by Year
in descending order



| 97 | 2,536 | 186209 28 | 223716 46 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 102 | 102 | 102 | 955 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Biological significance in forward and backward blocking: Resolution of a discrepancy between animal conditioning and human causal judgment.. Journal of Experimental Psychology: General, 1996, 125, 370-386. | 1.5 | 141 |
| 2 | Illusion of Control: Detecting Response-Outcome Independence in Analytic but Not in Naturalistic Conditions. Psychological Science, 1996, 7, 289-293. | 1.8 | 123 |
| 3 | Biological significance in forward and backward blocking: Resolution of a discrepancy between animal conditioning and human causal judgment.. Journal of Experimental Psychology: General, 1996, 125, 370-386. | 1.5 | 100 |
| 4 | Biological Significance as a Determinant of Cue Competition. Psychological Science, 1996, 7, 325-331. | 1.8 | 98 |
| 5 | Illusions of causality at the heart of pseudoscience. British Journal of Psychology, 2011, 102, 392-405. | 1.2 | 84 |
| 6 | Illusions of causality: how they bias our everyday thinking and how they could be reduced. Frontiers in Psychology, 2015, 6, 888. | 1.1 | 84 |
| 7 | Learned Helplessness and Superstitious Behavior as Opposite Effects of Uncontrollable Reinforcement in Humans. Learning and Motivation, 1994, 25, 216-232. | 0.6 | 82 |
| 8 | Test question modulates cue competition between causes and between effects.. Journal of Experimental Psychology: Learning Memory and Cognition, 1996, 22, 182-196. | 0.7 | 70 |
| 9 | Test question modulates cue competition between causes and between effects.. Journal of Experimental Psychology: Learning Memory and Cognition, 1996, 22, 182-196. | 0.7 | 69 |
| 10 | Predictions and causal estimations are not supported by the same associative structure. Quarterly Journal of Experimental Psychology, 2007, 60, 433-447. | 0.6 | 68 |
| 11 | Making the Uncontrollable Seem Controllable: the Role of Action in the Illusion of Control. Quarterly Journal of Experimental Psychology, 2011, 64, 1290-1304. | 0.6 | 68 |
| 12 | Illusion of Control. Experimental Psychology, 2014, 61, 38-47. | 0.3 | 65 |
| 13 | Stimulus competition in the absence of compound conditioning. Learning and Behavior, 1998, 26, 3-14. | 3.4 | 64 |
| 14 | Flexible use of recent information in causal and predictive judgments.. Journal of Experimental Psychology: Learning Memory and Cognition, 2002, 28, 714-725. | 0.7 | 57 |
| 15 | Blocking of Pavlovian Conditioning in Humans. Learning and Motivation, 1997, 28, 188-199. | 0.6 | 52 |
| 16 | Interactive effects of the probability of the cue and the probability of the outcome on the overestimation of null contingency. Learning and Behavior, 2013, 41, 333-340. | 0.5 | 52 |
| 17 | Cues trained apart compete for behavioral control in rats: Convergence with the associative interference literature.. Journal of Experimental Psychology: General, 2001, 130, 97-115. | 1.5 | 46 |
| 18 | Pathological gamblers are more vulnerable to the illusion of control in a standard associative learning task. Frontiers in Psychology, 2013, 4, 306. | 1.1 | 43 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Competition Between Antecedent and Between Subsequent Stimuli in Causal Judgments.. Journal of Experimental Psychology: Learning Memory and Cognition, 2005, 31, 228-237. | 0.7 | 42 |
| 20 | Causal and predictive-value judgments, but not predictions, are based on cue-outcome contingency. Learning and Behavior, 2005, 33, 172-183. | 3.4 | 39 |
| 21 | Measuring Software Timing Errors in the Presentation of Visual Stimuli in Cognitive Neuroscience Experiments. PLoS ONE, 2014, 9, e85108. | 1.1 | 39 |
| 22 | Individuals Who Believe in the Paranormal Expose Themselves to Biased Information and Develop More Causal Illusions than Nonbelievers in the Laboratory. PLoS ONE, 2015, 10, e0131378. | 1.1 | 38 |
| 23 | A behavioural preparation for the study of human Pavlovian conditioning. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 1996, 49, 270-83. | 2.8 | 36 |
| 24 | Illusion of Control in Internet Users and College Students. Cyberpsychology, Behavior and Social Networking, 2007, 10, 176-181. | 2.2 | 35 |
| 25 | Depressive Realism: Wiser or Quieter?. Psychological Record, 2009, 59, 551-562. | 0.6 | 35 |
| 26 | Biological significance attenuates overshadowing, relative validity, and degraded contingency effects. Learning and Behavior, 2000, 28, 172-186. | 3.4 | 34 |
| 27 | Implementation and Assessment of an Intervention to Debias Adolescents against Causal Illusions. PLoS ONE, 2013, 8, e71303. | 1.1 | 31 |
| 28 | Mediating Role of Activity Level in the Depressive Realism Effect. PLoS ONE, 2012, 7, e46203. | 1.1 | 30 |
| 29 | Competition Between Outcomes. Psychological Science, 1998, 9, 146-149. | 1.8 | 29 |
| 30 | The Relative Activation of Associations Modulates Interference between Elementally Trained Cues. Learning and Motivation, 2000, 31, 128-152. | 0.6 | 29 |
| 31 | Fishing for phishers. Improving Internet users' sensitivity to visual deception cues to prevent electronic fraud. Computers in Human Behavior, 2017, 69, 421-436. | 5.1 | 27 |
| 32 | Thinking in a Foreign language reduces the causality bias. Quarterly Journal of Experimental Psychology, 2019, 72, 41-51. | 0.6 | 26 |
| 33 | Blocking of subsequent and antecedent events.. Journal of Experimental Psychology, 1997, 23, 145-156. | 1.9 | 25 |
| 34 | A short educational intervention diminishes causal illusions and specific paranormal beliefs in undergraduates. PLoS ONE, 2018, 13, e0191907. | 1.1 | 25 |
| 35 | Flexible use of recent information in causal and predictive judgments. Journal of Experimental Psychology: Learning Memory and Cognition, 2002, 28, 714-25. | 0.7 | 24 |
| 36 | The internet as a research tool in the study of associative learning: An example from overshadowing. Behavioural Processes, 2006, 73, 36-40. | 0.5 | 23 |

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|---|---|---|---|
| 37 | The dark side of cognitive illusions: When an illusory belief interferes with the acquisition of evidenceâ€based knowledge. British Journal of Psychology, 2015, 106, 597-608. | 1.2 | 23 |
| 38 | Animal Analogues of Causal Judgment. Psychology of Learning and Motivation - Advances in Research and Theory, 1996, , 133-166. | 0.5 | 22 |
| 39 | Bidirectional associations. Learning and Behavior, 1999, 27, 42-49. | 3.4 | 22 |
| 40 | CSs and USs: What's the difference?. Journal of Experimental Psychology, 1997, 23, 15-30. | 1.9 | 22 |
| 41 | A comparison between elemental and compound training of cues in retrospective revaluation. Learning and Behavior, 2002, 30, 228-238. | 3.4 | 20 |
| 42 | Contrasting predictive and causal values of predictors and of causes. Learning and Behavior, 2005, 33, 184-196. | 3.4 | 20 |
| 43 | The role of cue information in the outcome-density effect: evidence from neural network simulations and a causal learning experiment. Connection Science, 2010, 22, 177-192. | 1.8 | 20 |
| 44 | The Lack of Side Effects of an Ineffective Treatment Facilitates the Development of a Belief in Its Effectiveness. PLoS ONE, 2014, 9, e84084. | 1.1 | 20 |
| 45 | Reversal from blocking in humans as a result of posttraining extinction of the blocking stimulus. Learning and Behavior, 2001, 29, 354-366. | 3.4 | 19 |
| 46 | Contrasting cue-density effects in causal and prediction judgments. Psychonomic Bulletin and Review, 2011, 18, 110-115. | 1.4 | 19 |
| 47 | Reducing the illusion of control when an action is followed by an undesired outcome. Psychonomic Bulletin and Review, 2014, 21, 1087-1093. | 1.4 | 19 |
| 48 | The influence of algorithms on political and dating decisions. PLoS ONE, 2021, 16, e0249454. | 1.1 | 19 |
| 49 | Exploring the Factors That Encourage the Illusions of Control. Experimental Psychology, 2015, 62, 131-142. | 0.3 | 19 |
| 50 | Short Article: Backward Blocking: The Role of Within-Compound Associations and Interference between Cues Trained Apart. Quarterly Journal of Experimental Psychology, 2008, 61, 185-193. | 0.6 | 17 |
| 51 | Previous knowledge can induce an illusion of causality through actively biasing behavior. Frontiers in Psychology, 2015, 6, 389. | 1.1 | 16 |
| 52 | Editorial: Human contingency learning. Quarterly Journal of Experimental Psychology, 2007, 60, 289-290. | 0.6 | 15 |
| 53 | CSs and USs: What's the difference?. Journal of Experimental Psychology, 1997, 23, 15-30. | 1.9 | 15 |
| 54 | Temporal contexts: Filling the gap between episodic memory and associative learning.. Journal of Experimental Psychology: General, 2011, 140, 660-673. | 1.5 | 14 |

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| 55 | Single- and Dual-Process Models of Biased Contingency Detection. Experimental Psychology, 2016, 63, 3-19. | 0.3 | 14 |
| 56 | Learning mechanisms underlying accurate and biased contingency judgments.. Journal of Experimental Psychology Animal Learning and Cognition, 2019, 45, 373-389. | 0.3 | 14 |
| 57 | Frequency of judgment as a context-like determinant of predictive judgments. Memory and Cognition, 2004, 32, 1065-1075. | 0.9 | 13 |
| 58 | Learning in virtual environments: Some discrepancies between laboratory- and Internet-based research on associative learning. Computers in Human Behavior, 2009, 25, 402-406. | 5.1 | 13 |
| 59 | Augmentation in contingency learning under time pressure. British Journal of Psychology, 2010, 101, 579-589. | 1.2 | 13 |
| 60 | Learning to infer the time of our actions and decisions from their consequences. Consciousness and Cognition, 2017, 56, 37-49. | 0.8 | 13 |
| 61 | Contingency is used to prepare for outcomes: Implications for a functional analysis of learning. Psychonomic Bulletin and Review, 2010, 17, 117-121. | 1.4 | 12 |
| 62 | Interference between Elementally Trained Stimuli Can Take Place in One Trial. Learning and Motivation, 2000, 31, 323-344. | 0.6 | 11 |
| 63 | Web-based experiment control software for research and teaching on human learning. Behavior Research Methods, 2007, 39, 689-693. | 2.3 | 11 |
| 64 | The relationship between mood state and perceived control in contingency learning: effects of individualist and collectivist values. Frontiers in Psychology, 2015, 6, 1430. | 1.1 | 11 |
| 65 | A HTML5 open source tool to conduct studies based on Libetâ€™s clock paradigm. Scientific Reports, 2016, 6, 32689. | 1.6 | 11 |
| 66 | Fighting the illusion of control: How to make use of cue competition and alternative explanations. Universitas Psychologica, 2013, 12, 261-270. | 0.6 | 10 |
| 67 | Causal illusions in children when the outcome is frequent. PLoS ONE, 2017, 12, e0184707. | 1.1 | 10 |
| 68 | Cue Competition in the Absence of Compound Training. Psychology of Learning and Motivation - Advances in Research and Theory, 1998, , 45-81. | 0.5 | 9 |
| 69 | Base-rate expectations modulate the causal illusion. PLoS ONE, 2019, 14, e0212615. | 1.1 | 9 |
| 70 | Diseases that resolve spontaneously can increase the belief that ineffective treatments work. Social Science and Medicine, 2020, 255, 113012. | 1.8 | 9 |
| 71 | Further evidence on the validity of web-based research on associative learning: Augmentation in a predictive learning task. Computers in Human Behavior, 2011, 27, 750-754. | 5.1 | 8 |
| 72 | Causal Illusions in the Service of Political Attitudes in Spain and the United Kingdom. Frontiers in Psychology, 2018, 9, 1033. | 1.1 | 8 |

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| 73 | Blocking of subsequent and antecedent events.. Journal of Experimental Psychology, 1997, 23, 145-156. | 1.9 | 7 |
| 74 | The role of outcome inhibition in interference between outcomes: A contingencyâ€learning analogue of retrievalâ€induced forgetting. British Journal of Psychology, 2013, 104, 167-180. | 1.2 | 6 |
| 75 | The tendency to stop collecting information is linked to illusions of causality. Scientific Reports, 2021, 11, 3942. | 1.6 | 6 |
| 76 | Backward Blocking and Interference Between Cues are Empirically Equivalent in Non-Causally Framed Learning Tasks. Psychological Record, 2011, 61, 141-152. | 0.6 | 5 |
| 77 | Overshadowed cues have reduced ability to retroactively interfere with other cues. Learning and Motivation, 2008, 39, 313-322. | 0.6 | 4 |
| 78 | Positive and Negative Mediation as a Function of Whether the Absent Cue was Previously Associated with the Outcome. Quarterly Journal of Experimental Psychology, 2010, 63, 2359-2375. | 0.6 | 4 |
| 79 | Biased Sampling and Causal Estimation of Health-Related Information: Laboratory-Based Experimental Research. Journal of Medical Internet Research, 2020, 22, e17502. | 2.1 | 4 |
| 80 | The Illusion of Causality: A Cognitive Bias Underlying Pseudoscience. , 2018, , . | | 4 |
| 81 | Outcome probability modulates anticipatory behavior to signals that are equally reliable. Adaptive Behavior, 2014, 22, 207-216. | 1.1 | 3 |
| 82 | Methodological Factors Involved in the Study of Temporal Binding Using the Open Source Software Labclock Web. Frontiers in Psychology, 2020, 11, 1040. | 1.1 | 3 |
| 83 | Examining potential gender bias in automated-job alerts in the Spanish market. PLoS ONE, 2021, 16, e0260409. | 1.1 | 3 |
| 84 | Assessing Emotion and Sensitivity of AI Artwork. Frontiers in Psychology, 2022, 13, 879088. | 1.1 | 3 |
| 85 | The Proust effect and the evolution of a dual learning system. Behavioral and Brain Sciences, 2009, 32, 215-216. | 0.4 | 2 |
| 86 | When Success Is Not Enough: The Symptom Base-Rate Can Influence Judgments of Effectiveness of a Successful Treatment. Frontiers in Psychology, 2020, 11, 560273. | 1.1 | 2 |
| 87 | ASSOCIATIVE AND CONNECTIONIST ACCOUNTS OF BIASED CONTINGENCY DETECTION IN HUMANS. , 2008, , . | | 2 |
| 88 | Examining the influence of picture format on childrenâ€™s naming responses. PeerJ, 2019, 7, e7692. | 0.9 | 2 |
| 89 | Evidence for an illusion of causality when using the Implicit Association Test to measure learning. Learning and Motivation, 2013, 44, 303-311. | 0.6 | 1 |
| 90 | PicPsy: A new bank of 106 photographs and line drawings with written naming norms for Spanish-speaking children and adults. PLoS ONE, 2020, 15, e0238976. | 1.1 | 1 |

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|---|---|---|---|
| 91 | Causal Learning and Illusions of Control. , 2012, , 523-526. | | 1 |
| 92 | Changes in Cue Configuration Reduce the Impact of Interfering Information in a Predictive Learning Task. Frontiers in Psychology, 2016, 7, 2050. | 1.1 | 0 |
| 93 | Aprendizaje predictivo y causal: Â¿Evidencia de diferentes niveles? <BR></BR>Predictive and causal learning: Is there evidence that they are at different levels?. Cultura Y EducaciÃ³n, 2002, 14, 43-48. | 0.1 | 0 |
| 94 | IntroducciÃ³n: Aprendizaje de relaciones causales <BR></BR>Introduction: Learning of causal relations. Cultura Y EducaciÃ³n, 2002, 14, 7-14. | 0.1 | 0 |
| 95 | La interferencia retroactiva entre claves entrenadas por separado: evidencia empÃrica y enfoques teÃ³ricos. Escritos De Psicologia, 2008, 2, 85-96. | 0.2 | 0 |
| 96 | Web-Based Experiment Control for Research on Human Learning. , 2012, , 3450-3453. | | 0 |
| 97 | The Web as a Platform for e-Research in the Social and Behavioral Sciences. , 0, , 34-61. | | 0 |