# Tom Beckers

List of Publications by Year
in descending order



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|---|---|---|---|
| 131 papers | 5,264 citations | 76326 40 h-index | 98798 67 g-index |
| 147 all docs | 147 docs citations | 147 times ranked | 4050 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Apparent reconsolidation interference without generalized amnesia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 108, 110161. | 4.8 | 3 |
| 2 | Perceptual variability: Implications for learning and generalization. Psychonomic Bulletin and Review, 2021, 28, 1-19. | 2.8 | 13 |
| 3 | Lack of drug-induced post-retrieval amnesia for auditory fear memories in rats. BMC Biology, 2021, 19, 17. | 3.8 | 16 |
| 4 | Avoiding at all costs? An exploration of avoidance costs in a novel Virtual Reality procedure. Learning and Motivation, 2021, 73, 101710. | 1.2 | 11 |
| 5 | Trait anxiety is associated with reduced typicality asymmetry in fear generalization. Behaviour Research and Therapy, 2021, 138, 103802. | 3.1 | 5 |
| 6 | The role of context in persistent avoidance and the predictive value of relief. Behaviour Research and Therapy, 2021, 138, 103816. | 3.1 | 17 |
| 7 | Systematic Review: Attention-Deficit/Hyperactivity Disorder and Instrumental Learning. Journal of the American Academy of Child and Adolescent Psychiatry, 2021, 60, 1367-1381. | 0.5 | 12 |
| 8 | Conditional Learning Deficits in Children with ADHD can be Reduced Through Reward Optimization and Response-Specific Reinforcement. Research on Child and Adolescent Psychopathology, 2021, 49, 1165-1178. | 2.3 | 3 |
| 9 | The drive for thinness: Towards a mechanistic understanding of avoidance behaviors in a non-clinical population. Behaviour Research and Therapy, 2021, 142, 103868. | 3.1 | 4 |
| 10 | The continued need for animals to advance brain research. Neuron, 2021, 109, 2374-2379. | 8.1 | 36 |
| 11 | Overgeneralization of fear, but not avoidance, following acute stress. Biological Psychology, 2021, 164, 108151. | 2.2 | 7 |
| 12 | Thought Conditioning: Inducing and Reducing Thoughts About the Aversive Outcome in a Fear-Conditioning Procedure. Clinical Psychological Science, 2021, 9, 252-269. | 4.0 | 5 |
| 13 | Reactivation-Dependent Amnesia for Contextual Fear Memories: Evidence for Publication Bias. ENeuro, 2021, 8, ENEURO.0108-20.2020. | 1.9 | 12 |
| 14 | Sleep deprivation increases threat beliefs in human fear conditioning. Journal of Sleep Research, 2020, 29, e12873. | 3.2 | 19 |
| 15 | Dopamine: from prediction error to psychotherapy. Translational Psychiatry, 2020, 10, 164. | 4.8 | 30 |
| 16 | No persistent attenuation of fear memories in humans: A registered replication of the reactivation-extinction effect. Cortex, 2020, 129, 496-509. | 2.4 | 39 |
| 17 | Preventing the return of fear in humans using reconsolidation update mechanisms: A verification report of Schiller etÂal. (2010). Cortex, 2020, 129, 510-525. | 2.4 | 24 |
| 18 | Perceptual errors are related to shifts in generalization of conditioned responding. Psychological Research, 2020, 85, 1801-1813. | 1.7 | 5 |

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|---|---|---|---|
| 19 | Generalization and recovery of post-retrieval amnesia.. Journal of Experimental Psychology: General, 2020, 149, 2063-2083. | 2.1 | 11 |
| 20 | Reinforcement Contingency Learning in Children with ADHD: Back to the Basics of Behavior Therapy. Journal of Abnormal Child Psychology, 2019, 47, 1889-1902. | 3.5 | 18 |
| 21 | Probing the role of perception in fear generalization. Scientific Reports, 2019, 9, 10026. | 3.3 | 13 |
| 22 | Limited replicability of drug-induced amnesia after contextual fear memory retrieval in rats. Neurobiology of Learning and Memory, 2019, 166, 107105. | 1.9 | 20 |
| 23 | Effects of disrupted ghrelin receptor function on fear processing, anxiety and saccharin preference in mice. Psychoneuroendocrinology, 2019, 110, 104430. | 2.7 | 13 |
| 24 | Deficits in Conditional Discrimination Learning in Children with ADHD are Independent of Delay Aversion and Working Memory. Journal of Clinical Medicine, 2019, 8, 1381. | 2.4 | 4 |
| 25 | Direct and indirect effects of perception on generalization gradients. Behaviour Research and Therapy, 2019, 114, 44-50. | 3.1 | 23 |
| 26 | Interfering with emotional processing resources upon associative threat memory reactivation does not affect memory retention. Scientific Reports, 2019, 9, 4175. | 3.3 | 7 |
| 27 | Acute but Not Permanent Effects of Propranolol on Fear Memory Expression in Humans. Frontiers in Human Neuroscience, 2019, 13, 51. | 2.0 | 26 |
| 28 | Post-weaning housing conditions influence freezing during contextual fear conditioning in adult rats. Behavioural Brain Research, 2019, 359, 172-180. | 2.2 | 9 |
| 29 | Navigating the garden of forking paths for data exclusions in fear conditioning research. ELife, 2019, 8, . | 6.0 | 92 |
| 30 | Manipulating affective state influences conditioned appetitive responses. Cognition and Emotion, 2018, 32, 1062-1081. | 2.0 | 3 |
| 31 | Working Memory and Reinforcement Schedule Jointly Determine Reinforcement Learning in Children: Potential Implications for Behavioral Parent Training. Frontiers in Psychology, 2018, 9, 394. | 2.1 | 6 |
| 32 | Paul Eelen: Reflections on Life and Work. Psychologica Belgica, 2018, 58, 212-221. | 1.9 | 2 |
| 33 | Failures to replicate blocking are surprising and informativeâ€"Reply to Soto (2018).. Journal of Experimental Psychology: General, 2018, 147, 603-610. | 2.1 | 7 |
| 34 | One-trial overshadowing: Evidence for fast specific fear learning in humans. Behaviour Research and Therapy, 2017, 90, 16-24. | 3.1 | 5 |
| 35 | Pathways towards the proliferation of avoidance in anxiety and implications for treatment. Behaviour Research and Therapy, 2017, 96, 3-13. | 3.1 | 67 |
| 36 | Bending rules: the shape of the perceptual generalisation gradient is sensitive to inference rules. Cognition and Emotion, 2017, 31, 1444-1452. | 2.0 | 26 |

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|---|---|---|---|
| 37 | Low-dose systemic scopolamine disrupts context conditioning in rats. Journal of Psychopharmacology, 2017, 31, 667-673. | 4.0 | 12 |
| 38 | Avoidance and decision making in anxiety: An introduction to the special issue. Behaviour Research and Therapy, 2017, 96, 1-2. | 3.1 | 22 |
| 39 | Memory Reconsolidation Interference as an Emerging Treatment for Emotional Disorders: Strengths, Limitations, Challenges, and Opportunities. Annual Review of Clinical Psychology, 2017, 13, 99-121. | 12.3 | 123 |
| 40 | Reinstatement after human feature-positive discrimination learning. Behavioural Processes, 2017, 137, 73-83. | 1.1 | 3 |
| 41 | Symmetry and stimulus class formation in humans: Control by temporal location in a successive matching task. Journal of the Experimental Analysis of Behavior, 2017, 108, 335-350. | 1.1 | 5 |
| 42 | A comparison of behavioral and pharmacological interventions to attenuate reactivated fear memories. Learning and Memory, 2017, 24, 369-374. | 1.3 | 18 |
| 43 | A preregistered, direct replication attempt of the retrieval-extinction effect in cued fear conditioning in rats. Neurobiology of Learning and Memory, 2017, 144, 208-215. | 1.9 | 46 |
| 44 | Moving threat: Attention and distance change interact in threat responding.. Emotion, 2017, 17, 251-258. | 1.8 | 13 |
| 45 | Fearing shades of grey: individual differences in fear responding towards generalisation stimuli. Cognition and Emotion, 2017, 31, 1181-1196. | 2.0 | 17 |
| 46 | Individual Difference Factors in the Learning and Transfer of Patterning Discriminations. Frontiers in Psychology, 2017, 8, 1262. | 2.1 | 5 |
| 47 | A Primer on Bayesian Analysis for Experimental Psychopathologists. Journal of Experimental Psychopathology, 2017, 8, 140-157. | 0.8 | 38 |
| 48 | In Search for Boundary Conditions of Reconsolidation: A Failure of Fear Memory Interference. Frontiers in Behavioral Neuroscience, 2017, 11, 65. | 2.0 | 55 |
| 49 | The Inferential Reasoning Theory of Causal Learning. , 2017, , . | | 2 |
| 50 | A Bayesian Theory of Sequential Causal Learning and Abstract Transfer. Cognitive Science, 2016, 40, 404-439. | 1.7 | 16 |
| 51 | Reasoning versus association in animal cognition: Current controversies and possible ways forward.. Journal of Comparative Psychology (Washington, D C: 1983), 2016, 130, 187-191. | 0.5 | 2 |
| 52 | The elusive nature of the blocking effect: 15 failures to replicate.. Journal of Experimental Psychology: General, 2016, 145, e49-e71. | 2.1 | 49 |
| 53 | No effect of glucose administration in a novel contextual fear generalization protocol in rats. Translational Psychiatry, 2016, 6, e903-e903. | 4.8 | 11 |
| 54 | Implicit and explicit measures of spider fear and avoidance behavior: Examination of the moderating role of working memory capacity. Journal of Behavior Therapy and Experimental Psychiatry, 2016, 50, 269-276. | 1.2 | 15 |

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|---|---|---|---|
| 55 | Heart rate pattern and resting heart rate variability mediate individual differences in contextual anxiety and conditioned responses. International Journal of Psychophysiology, 2015, 98, 567-576. | 1.0 | 13 |
| 56 | Development of a Protocol for Studying Premature Onset of Fear as a Feature of Pathological Fear: The Effects of Conditional Stimulus Duration and Counting Behavior. Journal of Experimental Psychopathology, 2015, 6, 216-229. | 0.8 | 0 |
| 57 | Avoidance learning: a review of theoretical models and recent developments. Frontiers in Behavioral Neuroscience, 2015, 9, 189. | 2.0 | 242 |
| 58 | A Bayesian hierarchical diffusion model decomposition of performance in Approachâ€“Avoidance Tasks. Cognition and Emotion, 2015, 29, 1424-1444. | 2.0 | 44 |
| 59 | Feature- versus rule-based generalization in rats, pigeons and humans. Animal Cognition, 2015, 18, 1267-1284. | 1.8 | 53 |
| 60 | Effects of Approach-Avoidance Training on the Extinction and Return of Fear Responses. PLoS ONE, 2015, 10, e0131581. | 2.5 | 22 |
| 61 | Selectivity in associative learning: a cognitive stage framework for blocking and cue competition phenomena. Frontiers in Psychology, 2014, 5, 1305. | 2.1 | 15 |
| 62 | Parameter optimization for automated behavior assessment: plug-and-play or trial-and-error?. Frontiers in Behavioral Neuroscience, 2014, 8, 28. | 2.0 | 16 |
| 63 | Fear conditioning of SCR but not the startle reflex requires conscious discrimination of threat and safety. Frontiers in Behavioral Neuroscience, 2014, 8, 32. | 2.0 | 80 |
| 64 | Noradrenergic Blockade of Memory Reconsolidation: A Failure to Reduce Conditioned Fear Responding. Frontiers in Behavioral Neuroscience, 2014, 8, 412. | 2.0 | 65 |
| 65 | The need for a behavioural science focus in research on mental health and mental disorders. International Journal of Methods in Psychiatric Research, 2014, 23, 28-40. | 2.1 | 38 |
| 66 | Avoided by Association. Clinical Psychological Science, 2014, 2, 336-343. | 4.0 | 56 |
| 67 | Cortisol response mediates the effect of post-reactivation stress exposure on contextualization of emotional memories. Psychoneuroendocrinology, 2014, 50, 72-84. | 2.7 | 11 |
| 68 | Stress enhances reconsolidation of declarative memory. Psychoneuroendocrinology, 2014, 46, 102-113. | 2.7 | 46 |
| 69 | Advancing psychotherapy and evidenceâ€based psychological interventions. International Journal of Methods in Psychiatric Research, 2014, 23, 58-91. | 2.1 | 126 |
| 70 | Prediction error demarcates the transition from retrieval, to reconsolidation, to new learning. Learning and Memory, 2014, 21, 580-584. | 1.3 | 127 |
| 71 | Blocking in human causal learning is affected by outcome assumptions manipulated through causal structure. Learning and Behavior, 2014, 42, 185-199. | 1.0 | 6 |
| 72 | Prediction Error Governs Pharmacologically Induced Amnesia for Learned Fear. Science, 2013, 339, 830-833. | 12.6 | 248 |

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| 73 | Blocking in childrenâ€™s causal learning depends on working memory and reasoning abilities. Journal of Experimental Child Psychology, 2013, 115, 562-569. | 1.4 | 11 |
| 74 | The inertia of conditioned craving. Does context modulate the effect of counterconditioning?. Appetite, 2013, 65, 51-57. | 3.7 | 29 |
| 75 | Rating data are underrated: Validity of US expectancy in human fear conditioning. Journal of Behavior Therapy and Experimental Psychiatry, 2013, 44, 201-206. | 1.2 | 181 |
| 76 | Cognitive biases and alcohol use in adolescence and young adulthood: The moderating role of gender, attentional control and inhibitory control. Personality and Individual Differences, 2013, 54, 925-930. | 2.9 | 12 |
| 77 | What's wrong with fear conditioning?. Biological Psychology, 2013, 92, 90-96. | 2.2 | 216 |
| 78 | Cued reacquisition trials during extinction weaken contextual renewal in human predictive learning. Learning and Motivation, 2013, 44, 184-195. | 1.2 | 2 |
| 79 | Reappraisal of Threat Value: Loss of Blocking in Human Aversive Conditioning. Spanish Journal of Psychology, 2013, 16, E84. | 2.1 | 4 |
| 80 | Encouraging Children to Think Counterfactually Enhances Blocking in a Causal Learning Task. Quarterly Journal of Experimental Psychology, 2013, 66, 1910-1926. | 1.1 | 6 |
| 81 | Psychophysiological Response Patterns to Affective Film Stimuli. PLoS ONE, 2013, 8, e62661. | 2.5 | 39 |
| 82 | Individual Differences in Discriminatory Fear Learning under Conditions of Ambiguity: A Vulnerability Factor for Anxiety Disorders?. Frontiers in Psychology, 2013, 4, 298. | 2.1 | 32 |
| 83 | Increasing the Selectivity of Threat through Post-Training Instructions: Identifying One Stimulus as Source of Danger Reduces the Threat Value of Surrounding Stimuli. Journal of Experimental Psychopathology, 2013, 4, 315-324. | 0.8 | 44 |
| 84 | Reinstatement of Conditioned Suppression in Mice. Psychologica Belgica, 2013, 46, 185. | 1.9 | 1 |
| 85 | Evaluative Conditioning is Insensitive to Blocking. Psychologica Belgica, 2013, 49, 41. | 1.9 | 12 |
| 86 | Additivity pretraining and cue competition effects: Developmental evidence for a reasoning-based account of causal learning.. Journal of Experimental Psychology, 2012, 38, 180-190. | 1.7 | 8 |
| 87 | Instructed extinction differentially affects the emotional and cognitive expression of associative fear memory. Psychophysiology, 2012, 49, 1426-1435. | 2.4 | 66 |
| 88 | Retrieval per se is not sufficient to trigger reconsolidation of human fear memory. Neurobiology of Learning and Memory, 2012, 97, 338-345. | 1.9 | 231 |
| 89 | Expectancy bias in a selective conditioning procedure: Trait anxiety increases the threat value of a blocked stimulus. Journal of Behavior Therapy and Experimental Psychiatry, 2012, 43, 832-837. | 1.2 | 41 |
| 90 | The effects of noradrenergic blockade on extinction in humans. Biological Psychology, 2012, 89, 598-605. | 2.2 | 57 |

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| 91 | Narrowing down the conditions for extinction of Pavlovian feature-positive discriminations in humans. Learning and Behavior, 2012, 40, 393-404. | 1.0 | 3 |
| 92 | Stimulus generalization and return of fear in C57BL/6J mice. Frontiers in Behavioral Neuroscience, 2012, 6, 41. | 2.0 | 10 |
| 93 | The hide-and-seek of retrospective revaluation: Recovery from blocking is context dependent in human causal learning.. Journal of Experimental Psychology, 2011, 37, 230-240. | 1.7 | 12 |
| 94 | Counterconditioning reduces cue-induced craving and actual cue-elicited consumption.. Emotion, 2010, 10, 688-695. | 1.8 | 112 |
| 95 | A free software package for a human onlineconditioned suppression preparation. Behavior Research Methods, 2010, 42, 311-317. | 4.0 | 14 |
| 96 | Does Exposure to Habitual Smoking Contexts Before Smoking Cessation Reduce Relapse? Results From a Pilot Study. Behaviour Change, 2010, 27, 19-28. | 1.3 | 2 |
| 97 | Smoking behavior in context: Where and when do people smoke?. Journal of Behavior Therapy and Experimental Psychiatry, 2010, 41, 172-177. | 1.2 | 41 |
| 98 | Priming associations between bodily sensations and catastrophic misinterpretations: Specific for panic disorder?. Behaviour Research and Therapy, 2010, 48, 900-908. | 3.1 | 13 |
| 99 | Three-Year-Oldsâ€™ Retrospective Revaluation in the Blicket Detector Task. Experimental Psychology, 2009, 56, 27-32. | 0.7 | 17 |
| 100 | The truth and value of theories of associative learning. Behavioral and Brain Sciences, 2009, 32, 200-201. | 0.7 | 3 |
| 101 | The effect of subadditive pretraining on blocking: Limits on generalization. Learning and Behavior, 2008, 36, 341-351. | 1.0 | 14 |
| 102 | Repeated cue exposure effects on subjective and physiological indices of chocolate craving. Appetite, 2008, 50, 19-24. | 3.7 | 29 |
| 103 | Return of experimentally induced chocolate craving after extinction in a different context: Divergence between craving for and expecting to eat chocolate. Behaviour Research and Therapy, 2008, 46, 375-391. | 3.1 | 47 |
| 104 | Conditioned craving cues elicit an automatic approach tendency. Behaviour Research and Therapy, 2008, 46, 1160-1169. | 3.1 | 46 |
| 105 | Identification of Everyday Objects on the Basis of Silhouette and Outline Versions. Perception, 2008, 37, 207-244. | 1.2 | 65 |
| 106 | Novel attitudes can be faked on the Implicit Association Test. Journal of Experimental Social Psychology, 2007, 43, 972-978. | 2.2 | 54 |
| 107 | Outcome maximality and additivity training also influence cue competition in causal learning when learning involves many cues and events. Quarterly Journal of Experimental Psychology, 2007, 60, 356-368. | 1.1 | 48 |
| 108 | Differential Acquisition, Extinction, and Reinstatement of Conditioned Suppression in Mice. Quarterly Journal of Experimental Psychology, 2007, 60, 1313-1320. | 1.1 | 9 |

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|---|---|---|---|
| 109 | Editorial: Human contingency learning. Quarterly Journal of Experimental Psychology, 2007, 60, 289-290. | 1.1 | 15 |
| 110 | Statistical contingency has a different impact on preparation judgements than on causal judgements. Quarterly Journal of Experimental Psychology, 2007, 60, 418-432. | 1.1 | 18 |
| 111 | The role of memory for compounds in cue competition. Learning and Motivation, 2007, 38, 195-207. | 1.2 | 10 |
| 112 | Stronger renewal in human fear conditioning when tested with an acquisition retrieval cue than with an extinction retrieval cue. Behaviour Research and Therapy, 2006, 44, 1717-1725. | 3.1 | 61 |
| 113 | Reasoning rats: Forward blocking in Pavlovian animal conditioning is sensitive to constraints of causal inference.. Journal of Experimental Psychology: General, 2006, 135, 92-102. | 2.1 | 136 |
| 114 | Concomitant Deficits in Working Memory and Fear Extinction Are Functionally Dissociated from Reduced Anxiety in Metabotropic Glutamate Receptor 7-Deficient Mice. Journal of Neuroscience, 2006, 26, 6573-6582. | 3.6 | 144 |
| 115 | Further evidence for the role of inferential reasoning in forward blocking. Memory and Cognition, 2005, 33, 1047-1056. | 1.6 | 24 |
| 116 | Further evidence for the role of mode-independent short-term associations in spatial Simon effects. Perception & Psychophysics, 2005, 67, 659-666. | 2.3 | 51 |
| 117 | Contrasting predictive and causal values of predictors and of causes. Learning and Behavior, 2005, 33, 184-196. | 3.4 | 20 |
| 118 | Evidence for the role of higher order reasoning processes in cue competition and other learning phenomena. Learning and Behavior, 2005, 33, 239-249. | 3.4 | 80 |
| 119 | Outcome Additivity and Outcome Maximality Influence Cue Competition in Human Causal Learning.. Journal of Experimental Psychology: Learning Memory and Cognition, 2005, 31, 238-249. | 0.9 | 134 |
| 120 | Extinction and renewal of Pavlovian modulation in human sequential Feature Positive discrimination learning. Learning and Memory, 2005, 12, 178-192. | 1.3 | 15 |
| 121 | Neurocognitive and Psychotiform Behavioral Alterations and Enhanced Hippocampal Long-Term Potentiation in Transgenic Mice Displaying Neuropathological Features of Human Â-Mannosidosis. Journal of Neuroscience, 2005, 25, 6539-6549. | 3.6 | 62 |
| 122 | Return of fear in a human differential conditioning paradigm caused by a return to the original acquistion context. Behaviour Research and Therapy, 2005, 43, 323-336. | 3.1 | 154 |
| 123 | Blocking Is Sensitive to Causal Structure in 4-Year-Old and 8-Year-Old Children. Experimental Psychology, 2005, 52, 264-271. | 0.7 | 10 |
| 124 | Simultaneous and sequential Feature Negative discriminations: Elemental learning and occasion setting in human Pavlovian conditioning. Learning and Motivation, 2004, 35, 136-166. | 1.2 | 20 |
| 125 | Secondary task difficulty modulates forward blocking in human contingency learning. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 2003, 56, 345-357. | 2.8 | 71 |
| 126 | Higher-Order Retrospective Revaluation in Human Causal Learning. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 2002, 55, 137-151. | 2.8 | 49 |

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|---|---|---|---|
| 127 | Outcome and Cue Properties Modulate Blocking. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2002, 55, 965-985. | 2.3 | 99 |
| 128 | A Review of Recent Developments in Research and Theories on Human Contingency Learning. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 2002, 55, 289-310. | 2.8 | 149 |
| 129 | Second-Order Backward Blocking and Unovershadowing in Human Causal Learning. Experimental Psychology, 2002, 49, 27-33. | 0.7 | 29 |
| 130 | Automatic integration of non-perceptual action effect features: the case of the associative affective Simon effect. Psychological Research, 2002, 66, 166-173. | 1.7 | 68 |
| 131 | Different effects of lorazepam and diazepam on perceptual integration. Vision Research, 2001, 41, 2297-2303. | 1.4 | 36 |