Bram Vervliet

List of Publications by Year
in descending order

133 papers	10,532 citations	53794 45 h-index	34986 98 g-index
139 all docs	139 docs citations	139 times ranked	7674 citing authors

#	Article	IF	Citations
1	Perceptual sensitivity to sensory and affective aspects of dyspnea: Test-retest reliability and effects of fear of suffocation. Biological Psychology, 2022, 169, 108268.	2.2	2
2	Optimizing exposure therapy with an inhibitory retrieval approach and the OptEx Nexus. Behaviour Research and Therapy, 2022, 152, 104069.	3.1	51
3	When the mind says one thing, but the HPA axis says another: Lack of coherence between subjective and neuroendocrine stress response trajectories in healthy men. Psychoneuroendocrinology, 2022, 139, 105692.	2.7	6
4	Imagery Rescripting Versus Extinction: Distinct and Combined Effects on Expectancy and Revaluation Learning. Clinical Psychological Science, 2022, 10, 622-639.	4.0	4
5	Cortico-Striatal Activity Characterizes Human Safety Learning via Pavlovian Conditioned Inhibition. Journal of Neuroscience, 2022, 42, 5047-5057.	3.6	6
6	Extruded Wheat Bran Consumption Increases Serum Short-Chain Fatty Acids but Does Not Modulate Psychobiological Functions in Healthy Men: A Randomized, Placebo-Controlled Trial. Frontiers in Nutrition, 2022, 9, .	3.7	9
7	More engagement in inefficient avoidance through partial reinforcement. Journal of Behavior Therapy and Experimental Psychiatry, 2022, 76, 101751.	1.2	3
8	The role of relief, perceived control, and prospective intolerance of uncertainty in excessive avoidance in uncertain-threat environments. International Journal of Psychophysiology, 2022, 179, 89-100.	1.0	2
9	High avoidance despite low fear of a second-order conditional stimulus. Behaviour Research and Therapy, 2021, 136, 103765.	3.1	11
10	When nothing matters: Assessing markers of expectancy violation during omissions of threat. Behaviour Research and Therapy, 2021, 136, 103764.	3.1	15
11	Perceptual variability: Implications for learning and generalization. Psychonomic Bulletin and Review, 2021, 28, 1-19.	2.8	13
12	Characterizing human safety learning via Pavlovian conditioned inhibition. Behaviour Research and Therapy, 2021, 137, 103800.	3.1	8
13	Avoidance learning as predictor of posttraumatic stress in firefighters. Behavioural Brain Research, 2021, 402, 113064.	2.2	7
14	Experimental models in psychopathology research: The relation between Research Domain Criteria and Experimental Psychopathology. Current Opinion in Psychology, 2021, 41, 118-123.	4.9	1
15	Fear learning, avoidance, and generalization are more context-dependent for adults than adolescents. Behaviour Research and Therapy, 2021, 147, 103993.	3.1	10
16	Neural responses during extinction learning predict exposure therapy outcome in phobia: results from a randomized-controlled trial. Neuropsychopharmacology, 2020, 45, 534-541.	5.4	45
17	Further characterization of relief dynamics in the conditioning and generalization of avoidance: Effects of distress tolerance and intolerance of uncertainty. Behaviour Research and Therapy, 2020, 124, 103526.	3.1	47
18	Prospective intolerance of uncertainty is associated with maladaptive temporal distribution of avoidance responses: An extension of Flores, LÃ³pez, Vervliet, and Cobos (2018). Journal of Behavior Therapy and Experimental Psychiatry, 2020, 68, 101527.	1.2	13

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19	Memories of 100 years of human fear conditioning research and expectations for its future. Behaviour Research and Therapy, 2020, 135, 103732.	3.1	23
20	Transitions from avoidance: Reinforcing competing behaviours reduces generalised avoidance in new contexts. Quarterly Journal of Experimental Psychology, 2020, 73, 2119-2131.	1.1	7
21	Negative reinforcement rate and persistent avoidance following response-prevention extinction. Behaviour Research and Therapy, 2020, 133, 103711.	3.1	11
22	Aversive Stimulus Pairings Are an Unnecessary and Insufficient Cause of Pathological Anxiety. Biological Psychiatry, 2020, 87, 870-871.	1.3	6
23	Dopamine: from prediction error to psychotherapy. Translational Psychiatry, 2020, 10, 164.	4.8	30
24	Colon-delivered short-chain fatty acids attenuate the cortisol response to psychosocial stress in healthy men: a randomized, placebo-controlled trial. Neuropsychopharmacology, 2020, 45, 2257-2266.	5.4	91
25	The effects of age and trait anxiety on avoidance learning and its generalization. Behaviour Research and Therapy, 2020, 129, 103611.	3.1	14
26	A learning theory of attachment: Unraveling the black box of attachment development. Neuroscience and Biobehavioral Reviews, 2020, 113, 287-298.	6.1	62
27	Perceptual errors are related to shifts in generalization of conditioned responding. Psychological Research, 2020, 85, 1801-1813.	1.7	5
28	Amygdala where art thou?. Neuroscience and Biobehavioral Reviews, 2019, 102, 430-431.	6.1	18
29	Common and distinct neural correlates of fear extinction and cognitive reappraisal: A meta-analysis of fMRI studies. Neuroscience and Biobehavioral Reviews, 2019, 104, 102-115.	6.1	63
30	Modeling Hierarchical Versus Random Exposure Schedules in Pavlovian Fear Extinction: No Evidence for Differential Fear Outcomes. Behavior Therapy, 2019, 50, 967-977.	2.4	7
31	The role of short-chain fatty acids in microbiotaâ€“gutâ€“brain communication. Nature Reviews Gastroenterology and Hepatology, 2019, 16, 461-478.	17.8	1,519
32	The predictive value of neural reward processing on exposure therapy outcome: Results from a randomized controlled trial. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 92, 339-346.	4.8	8
33	Bifidobacterium longum 1714 Does Not Modulate Reactivity to Social Stress. American Journal of Gastroenterology, 2019, 114, 1820-1820.	0.4	2
34	T17. Are Emotional Regulation and Extinction Learning the Same in the Brain? A Meta-Analysis of fMRI Studies. Biological Psychiatry, 2019, 85, S135-S136.	1.3	0
35	Living in fear: Low-cost avoidance maintains low-level threat. Journal of Behavior Therapy and Experimental Psychiatry, 2019, 62, 57-64.	1.2	9
36	Nourishing the gut microbiota: The potential of prebiotics in microbiota-gut-brain axis research. Behavioral and Brain Sciences, 2019, 42, .	0.7	3

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37	The Effect of Outcome Probability on Generalization in Predictive Learning. Experimental Psychology, 2019, 66, 23-39.	0.7	3
38	Intolerance of uncertainty as a vulnerability factor for excessive and inflexible avoidance behavior. Behaviour Research and Therapy, 2018, 104, 34-43.	3.1	74
39	State-of-the-art and future directions for extinction as a translational model for fear and anxiety. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170025.	4.0	191
40	Fear extinction in the human brain: A meta-analysis of fMRI studies in healthy participants. Neuroscience and Biobehavioral Reviews, 2018, 88, 16-25.	6.1	200
41	Maximizing the generalization of fear extinction: Exposures to a peak generalization stimulus. Behaviour Research and Therapy, 2018, 111, 1-8.	3.1	20
42	The validity of human avoidance paradigms. Behaviour Research and Therapy, 2018, 111, 99-105.	3.1	71
43	Reduced return of threat expectancy after counterconditioning versus extinction. Behaviour Research and Therapy, 2018, 108, 78-84.	3.1	31
44	Contextualized Attitude Change. Advances in Experimental Social Psychology, 2018, , 1-52.	3.3	20
45	Beyond Extinction: Prolonged Conditioning and Repeated Threat Exposure Abolish Contextual Renewal of Fear-Potentiated Startle Discrimination but Leave Expectancy Ratings Intact. Frontiers in Psychiatry, 2018, 9, 117.	2.6	7
46	Paul Eelen: Reflections on Life and Work. Psychologica Belgica, 2018, 58, 212-221.	1.9	2
47	One-trial overshadowing: Evidence for fast specific fear learning in humans. Behaviour Research and Therapy, 2017, 90, 16-24.	3.1	5
48	Eye movement during recall reduces objective memory performance: An extended replication. Behaviour Research and Therapy, 2017, 92, 94-105.	3.1	21
49	Human ventromedial prefrontal cortex and the positive affective processing of safety signals. NeuroImage, 2017, 152, 12-18.	4.2	67
50	Donâ€™t fear â€˜fear conditioningâ€™: Methodological considerations for the design and analysis of studies on human fear acquisition, extinction, and return of fear. Neuroscience and Biobehavioral Reviews, 2017, 77, 247-285.	6.1	543
51	Partial reinforcement of avoidance and resistance to extinction in humans. Behaviour Research and Therapy, 2017, 96, 79-89.	3.1	43
52	Temporal dynamics of relief in avoidance conditioning and fear extinction: Experimental validation and clinical relevance. Behaviour Research and Therapy, 2017, 96, 66-78.	3.1	57
53	Gradients of fear: How perception influences fear generalization. Behaviour Research and Therapy, 2017, 93, 116-122.	3.1	48
54	Reinstatement after human feature-positive discrimination learning. Behavioural Processes, 2017, 137, 73-83.	1.1	3

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55	Does fear extinction in the laboratory predict outcomes of exposure therapy? A treatment analog study. International Journal of Psychophysiology, 2017, 121, 63-71.	1.0	64
56	Mixed evidence for the potential of non-invasive transcutaneous vagal nerve stimulation to improve the extinction and retention of fear. Behaviour Research and Therapy, 2017, 97, 64-74.	3.1	51
57	Prevention and treatment strategies for contextual overgeneralization. Scientific Reports, 2017, 7, 16967.	3.3	3
58	Editorial: Experimental Psychopathology: Defining the Field. Psychopathology Review, 2017, a4, 109-111.	0.9	6
59	Feature Specific Attention and Return of Fear after Extinction. Journal of Experimental Psychopathology, 2017, 8, 76-87.	0.8	8
60	Brain and Behavior Changes following Exposure Therapy Predict Outcome at 8-Year Follow-Up. Psychotherapy and Psychosomatics, 2016, 85, 238-240.	8.8	4
61	The Role of Stimulus Specificity and Attention in the Generalization of Extinction. Journal of Experimental Psychopathology, 2016, 7, 143-152.	0.8	17
62	The key role of extinction learning in anxiety disorders. Current Opinion in Psychiatry, 2016, 29, 39-47.	6.3	86
63	Defensive activation to (un)predictable interoceptive threat: The NPU respiratory threat test (NPUr). Psychophysiology, 2016, 53, 905-913.	2.4	21
64	Threatâ€related gaze fixation and its relationship with the speed and generalisability of extinction learning. Australian Journal of Psychology, 2016, 68, 200-208.	2.8	10
65	The validity of laboratory-based treatment research: Bridging the gap between fear extinction and exposure treatment. Behaviour Research and Therapy, 2016, 86, 87-94.	3.1	99
66	Emotional attentional control predicts changes in diurnal cortisol secretion following exposure to a prolonged psychosocial stressor. Psychoneuroendocrinology, 2016, 63, 291-295.	2.7	9
67	Neural signatures of human fear conditioning: an updated and extended meta-analysis of fMRI studies. Molecular Psychiatry, 2016, 21, 500-508.	7.9	448
68	Generalization versus contextualization in automatic evaluation revisited: A meta-analysis of successful and failed replications.. Journal of Experimental Psychology: General, 2015, 144, e50-e64.	2.1	20
69	Low-Cost Avoidance Behaviors are Resistant to Fear Extinction in Humans. Frontiers in Behavioral Neuroscience, 2015, 9, 351.	2.0	112
70	Reduced autobiographical memory specificity is associated with impaired discrimination learning in anxiety disorder patients. Frontiers in Psychology, 2015, 6, 889.	2.1	7
71	An integrative review of attention biases and their contribution to treatment for anxiety disorders. Frontiers in Psychology, 2015, 6, 968.	2.1	58
72	Maximizar la terapia de exposiciÃ³n: Un enfoque basado en el aprendizaje inhibitorio. Revista De Psicopatologia Y Psicologia Clinica, 2015, 1, .	0.2	3

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73	Beyond extinction: Habituation eliminates conditioned skin conductance across contexts. International Journal of Psychophysiology, 2015, 98, 529-534.	1.0	21
74	Perceptual discrimination in fear generalization: Mechanistic and clinical implications. Neuroscience and Biobehavioral Reviews, 2015, 59, 201-207.	6.1	60
75	Conditioned Subjective Responses to Socially Relevant Stimuli in Social Anxiety Disorder and Subclinical Social Anxiety. Clinical Psychology and Psychotherapy, 2015, 22, 221-231.	2.7	14
76	Conditioned Fear Acquisition and Generalization in Generalized Anxiety Disorder. Behavior Therapy, 2015, 46, 627-639.	2.4	58
77	Generalization of Fear to Respiratory Sensations. Behavior Therapy, 2015, 46, 611-626.	2.4	18
78	Compound Extinction. Clinical Psychological Science, 2015, 3, 335-348.	4.0	56
79	â€œWhy is everyone always angry with me?!â€• When thinking â€˜whyâ€™ leads to generalization. Journal of Behavior Therapy and Experimental Psychiatry, 2015, 47, 34-41.	1.2	9
80	Fear Generalization in Humans: Systematic Review and Implications for Anxiety Disorder Research. Behavior Therapy, 2015, 46, 561-582.	2.4	339
81	Generalization of Human Fear Acquisition and Extinction within a Novel Arbitrary Stimulus Category. PLoS ONE, 2014, 9, e96569.	2.5	74
82	Abstract Thinking about Negative Events in Dysphoric Students Leads to Negative Generalization. Journal of Experimental Psychopathology, 2014, 5, 314-328.	0.8	11
83	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
84	Maximizing exposure therapy: An inhibitory learning approach. Behaviour Research and Therapy, 2014, 58, 10-23.	3.1	1,473
85	Advancing psychotherapy and evidenceâ€based psychological interventions. International Journal of Methods in Psychiatric Research, 2014, 23, 58-91.	2.1	126
86	Aversive learning and generalization predict subclinical levels of anxiety: A six-month longitudinal study. Journal of Anxiety Disorders, 2014, 28, 747-753.	3.2	49
87	Fear generalization in humans: Impact of feature learning on conditioning and extinction. Neurobiology of Learning and Memory, 2014, 113, 143-148.	1.9	36
88	The Effect of Glucose on Hippocampal-Dependent Contextual Fear Conditioning. Biological Psychiatry, 2014, 75, 847-854.	1.3	26
89	Increasing Predictive Estimations Without Further Learning. Experimental Psychology, 2014, 61, 134-141.	0.7	12
90	Fear Extinction and Relapse: State of the Art. Annual Review of Clinical Psychology, 2013, 9, 215-248.	12.3	512

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91	Extinction, generalization, and return of fear: A critical review of renewal research in humans. Biological Psychology, 2013, 92, 51-58.	2.2	134
92	Translation: That's the question. Biological Psychology, 2013, 92, 1.	2.2	2
93	Cued reacquisition trials during extinction weaken contextual renewal in human predictive learning. Learning and Motivation, 2013, 44, 184-195.	1.2	2
94	Criteria of validity in experimental psychopathology: application to models of anxiety and depression. Psychological Medicine, 2013, 43, 2241-2244.	4.5	89
95	Repeated Activation of a CS-US-Contingency Memory Results in Sustained Conditioned Responding. Frontiers in Psychology, 2013, 4, 305.	2.1	8
96	Generalization Gradients in Cued and Contextual Pain-Related Fear: An Experimental Study in Healthy Participants. Frontiers in Human Neuroscience, 2013, 7, 345.	2.0	45
97	Generalization of conditioned responding: Effects of autobiographical memory specificity. Journal of Behavior Therapy and Experimental Psychiatry, 2012, 43, S60-S66.	1.2	14
98	Preexposure to (un)predictable shock modulates discriminative fear learning between cue and context: An investigation of the interaction between fear and anxiety. International Journal of Psychophysiology, 2012, 84, 180-187.	1.0	14
99	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
100	Safety behavior can hamper the extinction of fear of movement-related pain: An experimental investigation in healthy participants. Behaviour Research and Therapy, 2012, 50, 735-746.	3.1	50
101	Role of Inhibition in Exposure Therapy. Journal of Experimental Psychopathology, 2012, 3, 322-345.	0.8	179
102	Stimulus generalization and return of fear in C57BL/6J mice. Frontiers in Behavioral Neuroscience, 2012, 6, 41.	2.0	10
103	Contextual control over expression of fear is affected by cortisol. Frontiers in Behavioral Neuroscience, 2012, 6, 67.	2.0	27
104	A new tool for assessing context conditioning induced by US-unpredictability in humans: The Martians task restyled. Learning and Motivation, 2011, 42, 1-12.	1.2	6
105	Generalization gradients in human predictive learning: Effects of discrimination training and within-subjects testing. Learning and Motivation, 2011, 42, 210-220.	1.2	14
106	Generalization versus contextualization in automatic evaluation.. Journal of Experimental Psychology: General, 2010, 139, 683-701.	2.1	118
107	Unpaired shocks during extinction weaken the contextual renewal of a conditioned discrimination. Learning and Motivation, 2010, 41, 22-31.	1.2	25
108	Retrospective revaluation effects following serial compound training and target extinction. Learning and Motivation, 2010, 41, 67-83.	1.2	0

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109	Exposure to the context and removing the unpredictability of the US: Two methods to reduce contextual anxiety compared. Biological Psychology, 2010, 85, 361-369.	2.2	16
110	Fear generalization in humans: Impact of verbal instructions. Behaviour Research and Therapy, 2010, 48, 38-43.	3.1	54
111	Fear generalization in humans: Impact of prior non-fearful experiences. Behaviour Research and Therapy, 2010, 48, 1078-1084.	3.1	26
112	Helping Exposure Succeed: Learning Theory Perspectives on Treatment Resistance and Relapse. , 2010, , 31-49.		2
113	Blocking of Conditioned Inhibition in Human Causal Learning. Experimental Psychology, 2009, 56, 381-385.	0.7	11
114	The truth and value of theories of associative learning. Behavioral and Brain Sciences, 2009, 32, 200-201.	0.7	3
115	Beyond extinction: erasing human fear responses and preventing the return of fear. Nature Neuroscience, 2009, 12, 256-258.	14.8	694
116	Reducing chronic anxiety by making the threatening event predictable: An experimental approach. Behaviour Research and Therapy, 2009, 47, 830-839.	3.1	34
117	Learning and memory in conditioned fear extinction: Effects of d-cycloserine. Acta Psychologica, 2008, 127, 601-613.	1.5	71
118	The development of cued versus contextual conditioning in a predictable and an unpredictable human fear conditioning preparation. Acta Psychologica, 2008, 127, 593-600.	1.5	16
119	Contextual fear induced by unpredictability in a human fear conditioning preparation is related to the chronic expectation of a threatening US. Biological Psychology, 2008, 77, 39-46.	2.2	78
120	Dissociable Roles for the Hippocampus and the Amygdala in Human Cued versus Context Fear Conditioning. Journal of Neuroscience, 2008, 28, 9030-9036.	3.6	190
121	Timing of extinction relative to acquisition: A parametric analysis of fear extinction in humans.. Behavioral Neuroscience, 2008, 122, 1016-1030.	1.2	102
122	Concurrent excitors limit the extinction of conditioned fear in humans. Behaviour Research and Therapy, 2007, 45, 375-383.	3.1	36
123	Verbal, behavioural and physiological assessment of the generalization of exposure-based fear reduction in a spider-anxious population. Behaviour Research and Therapy, 2007, 45, 291-300.	3.1	11
124	The repeated confrontation with videotapes of spiders in multiple contexts attenuates renewal of fear in spider-anxious students. Behaviour Research and Therapy, 2007, 45, 1169-1179.	3.1	122
125	Conditioned fear extinction and reinstatement in a human fear-potentiated startle paradigm. Learning and Memory, 2006, 13, 681-685.	1.3	148
126	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

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127	Generalization Gradients for Acquisition and Extinction in Human Contingency Learning. Experimental Psychology, 2006, 53, 132-142.	0.7	75
128	Resistance to extinction in evaluative conditioning.. Journal of Experimental Psychology, 2006, 32, 71-79.	1.7	90
129	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
130	Return of fear in a human differential conditioning paradigm caused by a stimulus change after extinction. Behaviour Research and Therapy, 2005, 43, 357-371.	3.1	139
131	Generalization of Extinguished Skin Conductance Responding in Human Fear Conditioning. Learning and Memory, 2004, 11, 555-558.	1.3	64
132	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
133	Sequential and simultaneous feature positive discriminations: Occasion setting and configural learning in human Pavlovian conditioning.. Journal of Experimental Psychology, 2001, 27, 279-295.	1.7	18