

# Ann Meulders

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

2,744  
citations

201674

27  
h-index

197818

49  
g-index

87  
all docs

87  
docs citations

87  
times ranked

2091  
citing authors

#	ARTICLE	IF	CITATIONS
1	Donâ€™t fear â€“fear conditioningâ€™: Methodological considerations for the design and analysis of studies on human fear acquisition, extinction, and return of fear. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 77, 247-285.	6.1	543
2	The acquisition of fear of movement-related pain and associative learning: A novel pain-relevant human fear conditioning paradigm. <i>Pain</i> , 2011, 152, 2460-2469.	4.2	148
3	Differences in pain-related fear acquisition and generalization. <i>Pain</i> , 2015, 156, 108-122.	4.2	90
4	Fear in the context of pain: Lessons learned from 100 years of fear conditioning research. <i>Behaviour Research and Therapy</i> , 2020, 131, 103635.	3.1	87
5	Pain as a threat to the social self: a motivational account. <i>Pain</i> , 2018, 159, 1690-1695.	4.2	86
6	The acquisition and generalization of cued and contextual pain-related fear: An experimental study using a voluntary movement paradigm. <i>Pain</i> , 2013, 154, 272-282.	4.2	82
7	Bogus Visual Feedback Alters Onset of Movement-Evoked Pain in People With Neck Pain. <i>Psychological Science</i> , 2015, 26, 385-392.	3.3	77
8	From fear of movement-related pain and avoidance to chronic pain disability: a state-of-the-art review. <i>Current Opinion in Behavioral Sciences</i> , 2019, 26, 130-136.	3.9	76
9	Avoidance behavior in chronic pain research: A cold case revisited. <i>Behaviour Research and Therapy</i> , 2015, 64, 31-37.	3.1	70
10	Competing Goals Attenuate Avoidance Behavior in the Context of Pain. <i>Journal of Pain</i> , 2014, 15, 1120-1129.	1.4	65
11	Acquisition and extinction of operant pain-related avoidance behavior using a 3 degrees-of-freedom robotic arm. <i>Pain</i> , 2016, 157, 1094-1104.	4.2	62
12	The use of safety-seeking behavior in exposure-based treatments for fear and anxiety: Benefit or burden? A meta-analytic review. <i>Clinical Psychology Review</i> , 2016, 45, 144-156.	11.4	60
13	Women, but not men, report increasingly more pain during repeated (un)predictable painful electrocutaneous stimulation: Evidence for mediation by fear of pain. <i>Pain</i> , 2012, 153, 1030-1041.	4.2	57
14	Reduction of fear of movement-related pain and pain-related anxiety: An associative learning approach using a voluntary movement paradigm. <i>Pain</i> , 2012, 153, 1504-1513.	4.2	53
15	Classical Conditioning Differences Associated With Chronic Pain: A Systematic Review. <i>Journal of Pain</i> , 2017, 18, 889-898.	1.4	53
16	Safety behavior can hamper the extinction of fear of movement-related pain: An experimental investigation in healthy participants. <i>Behaviour Research and Therapy</i> , 2012, 50, 735-746.	3.1	50
17	Contingency Learning Deficits and Generalization in Chronic Unilateral Hand Pain Patients. <i>Journal of Pain</i> , 2014, 15, 1046-1056.	1.4	50
18	Can Experimentally Induced Positive Affect Attenuate Generalization of Fear of Movement-Related Pain?. <i>Journal of Pain</i> , 2015, 16, 258-269.	1.4	49

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19	Extinction of Fear Generalization: A Comparison Between Fibromyalgia Patients and Healthy Control Participants. <i>Journal of Pain</i> , 2017, 18, 79-95.	1.4	49
20	Generalization Gradients in Cued and Contextual Pain-Related Fear: An Experimental Study in Healthy Participants. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 345.	2.0	45
21	Can positive affect attenuate (persistent) pain? State of the art and clinical implications. <i>Current Rheumatology Reports</i> , 2017, 19, 80.	4.7	45
22	Clinimetrics: Tampa Scale for Kinesiophobia. <i>Journal of Physiotherapy</i> , 2018, 64, 126.	1.7	42
23	Mere Intention to Perform Painful Movements Elicits Fear of Movement-Related Pain: An Experimental Study on Fear Acquisition Beyond Actual Movements. <i>Journal of Pain</i> , 2013, 14, 412-423.	1.4	41
24	Positive Affect Protects Against Deficient Safety Learning During Extinction of Fear of Movement-Related Pain in Healthy Individuals Scoring Relatively High on Trait Anxiety. <i>Journal of Pain</i> , 2014, 15, 632-644.	1.4	39
25	Threatening Social Context Facilitates Pain-Related Fear Learning. <i>Journal of Pain</i> , 2015, 16, 214-225.	1.4	37
26	The Opportunity to Avoid Pain May Paradoxically Increase Fear. <i>Journal of Pain</i> , 2018, 19, 1222-1230.	1.4	34
27	Words putting pain in motion: the generalization of pain-related fear within an artificial stimulus category. <i>Frontiers in Psychology</i> , 2015, 6, 520.	2.1	30
28	Comparing Counterconditioning and Extinction as Methods to Reduce Fear of Movement-Related Pain. <i>Journal of Pain</i> , 2015, 16, 1353-1365.	1.4	30
29	Confidence intervals for single-case effect size measures based on randomization test inversion. <i>Behavior Research Methods</i> , 2017, 49, 363-381.	4.0	27
30	When touch predicts pain: predictive tactile cues modulate perceived intensity of painful stimulation independent of expectancy. <i>Scandinavian Journal of Pain</i> , 2016, 11, 11-18.	1.3	26
31	To inhale or not to inhale: Conditioned avoidance in breathing behavior in an odorâ€”20% CO2 paradigm. <i>Biological Psychology</i> , 2008, 78, 87-92.	2.2	24
32	The effect of threat information on acquisition, extinction, and reinstatement of experimentally conditioned fear of movement-related pain. <i>Pain Medicine</i> , 2015, 16, 2302-2315.	1.9	21
33	Generalization of Pain-Related Fear Based on Conceptual Knowledge. <i>Behavior Therapy</i> , 2017, 48, 295-310.	2.4	20
34	Illusion-enhanced Virtual Reality Exercise for Neck Pain. <i>Clinical Journal of Pain</i> , 2020, 36, 101-109.	1.9	20
35	An experimental investigation into the mediating role of pain-related fear in boosting nocebo hyperalgesia. <i>Pain</i> , 2021, 162, 287-299.	4.2	19
36	Resistance to extinction in an odorâ€”20% CO2 inhalation paradigm: Further evidence for a symptom learning account of multiple chemical sensitivity. <i>Journal of Psychosomatic Research</i> , 2010, 68, 47-56.	2.6	18

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37	Pain Catastrophizing and Fear of Pain Predict the Experience of Pain in Body Parts Not Targeted by a Delayed-Onset Muscle Soreness Procedure. <i>Journal of Pain</i> , 2015, 16, 1065-1076.	1.4	18
38	Neck Pain and Proprioception Revisited Using the Proprioception Incongruence Detection Test. <i>Physical Therapy</i> , 2016, 96, 671-678.	2.4	18
39	Generalization of instrumentally acquired pain-related avoidance to novel but similar movements using a robotic arm-reaching paradigm. <i>Behaviour Research and Therapy</i> , 2020, 124, 103525.	3.1	18
40	The neural correlates of pain-related fear: A meta-analysis comparing fear conditioning studies using painful and non-painful stimuli. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 119, 52-65.	6.1	18
41	The Reduction of Fear of Movement-related Pain. <i>Clinical Journal of Pain</i> , 2015, 31, 933-945.	1.9	17
42	Between the Devil and the Deep Blue Sea: Avoidance-Avoidance Competition Increases Pain-Related Fear and Slows Decision-Making. <i>Journal of Pain</i> , 2016, 17, 424-435.	1.4	17
43	The Influence of Social Threat on Pain, Aggression, and Empathy in Women. <i>Journal of Pain</i> , 2018, 19, 291-300.	1.4	17
44	Generalization of Pain-Related Fear Using a Left-Right Hand Judgment Conditioning Task. <i>Behavior Therapy</i> , 2015, 46, 699-716.	2.4	16
45	Placebo and nocebo effects and operant pain-related avoidance learning. <i>Pain Reports</i> , 2019, 4, e748.	2.7	16
46	Reduced selective learning in patients with fibromyalgia vs healthy controls. <i>Pain</i> , 2018, 159, 1268-1276.	4.2	15
47	Hide Your Pain: Social Threat Increases Pain Reports and Aggression, but Reduces Facial Pain Expression and Empathy. <i>Journal of Pain</i> , 2020, 21, 334-346.	1.4	15
48	Optimizing Long-term Outcomes of Exposure for Chronic Primary Pain from the Lens of Learning Theory. <i>Journal of Pain</i> , 2021, 22, 1315-1327.	1.4	15
49	Preexposure to (un)predictable shock modulates discriminative fear learning between cue and context: An investigation of the interaction between fear and anxiety. <i>International Journal of Psychophysiology</i> , 2012, 84, 180-187.	1.0	14
50	Generalization and Extinction of Concept-Based Pain-Related Fear. <i>Journal of Pain</i> , 2019, 20, 325-338.	1.4	13
51	Safety behaviours or safety precautions? The role of subtle avoidance in anxiety disorders in the context of chronic physical illness. <i>Clinical Psychology Review</i> , 2022, 92, 102126.	11.4	13
52	Motor Intention as a Trigger for Fear of Movement-related Pain: An Experimental Cross-US Reinstatement Study. <i>Journal of Experimental Psychopathology</i> , 2015, 6, 206-228.	0.8	12
53	Selectivity of conditioned fear of touch is modulated by somatosensory precision. <i>Psychophysiology</i> , 2016, 53, 921-929.	2.4	12
54	The Concept of Contexts in Pain: Generalization of Contextual Pain-Related Fear Within a de Novo Category of Unique Contexts. <i>Journal of Pain</i> , 2018, 19, 76-87.	1.4	12

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55	Chronic primary pain in the COVID-19 pandemic: how uncertainty and stress impact on functioning and suffering. <i>Pain</i> , 2022, 163, 604-609.	4.2	12
56	The Acquisition and Extinction of Fear of Painful Touch: A Novel Tactile Fear Conditioning Paradigm. <i>Journal of Pain</i> , 2017, 18, 1505-1516.	1.4	9
57	Tired of pain or painfully tired? A reciprocal relationship between chronic pain and fatigue. <i>Pain</i> , 2018, 159, 1178-1179.	4.2	8
58	Once an Avoider Always an Avoider? Return of Pain-Related Avoidance After Extinction With Response Prevention. <i>Journal of Pain</i> , 2020, 21, 1224-1235.	1.4	8
59	When Do We Not Face Our Fears? Investigating the Boundary Conditions of Costly Pain-Related Avoidance Generalization. <i>Journal of Pain</i> , 2021, 22, 1221-1232.	1.4	8
60	Learning to predict pain: differences in people with persistent neck pain and pain-free controls. <i>PeerJ</i> , 2020, 8, e9345.	2.0	7
61	Alike, But Not Quite: Comparing the Generalization of Pain-Related Fear and Pain-Related Avoidance. <i>Journal of Pain</i> , 2022, 23, 1616-1628.	1.4	7
62	A new tool for assessing context conditioning induced by US-unpredictability in humans: The Martians task restyled. <i>Learning and Motivation</i> , 2011, 42, 1-12.	1.2	6
63	The Perceived Opportunity to Avoid Pain Paradoxically Increases Pain-Related Fear Through Increased Threat Appraisals. <i>Annals of Behavioral Medicine</i> , 2021, 55, 216-227.	2.9	6
64	Avoidance behaviour performed in the context of a novel, ambiguous movement increases threat and pain-related fear. <i>Pain</i> , 2021, 162, 875-885.	4.2	6
65	Changes in Pain-Related Fear and Pain When Avoidance Behavior is no Longer Effective. <i>Journal of Pain</i> , 2020, 21, 494-505.	1.4	5
66	Avoiding Based on Shades of Gray: Generalization of Pain-Related Avoidance Behavior to Novel Contexts. <i>Journal of Pain</i> , 2020, 21, 1212-1223.	1.4	5
67	No differences in return of pain-related fear after extinction and counterconditioning. <i>Emotion</i> , 2022, 22, 1886-1894.	1.8	5
68	Investigating Pain-Related Avoidance Behavior using a Robotic Arm-Reaching Paradigm. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	5
69	Decomposing conditioned avoidance performance with computational models. <i>Behaviour Research and Therapy</i> , 2020, 133, 103712.	3.1	4
70	Will that hurt? A contingency learning task to assess pain-expectancy judgments for low back postures. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2021, 70, 101622.	1.2	4
71	Indoor or Outdoor? Generalization of Costly Pain-Related Avoidance Behavior to Conceptually Related Contexts. <i>Journal of Pain</i> , 2022, 23, 657-668.	1.4	4
72	Development of the Avoidance Daily Activities Photo Scale for Patients With Shoulder Pain. <i>Physical Therapy</i> , 2022, 102, .	2.4	4

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73	Fear reduction in subacute whiplash-associated disorders: The royal road to recovery?. <i>Pain</i> , 2013, 154, 330-331.	4.2	3
74	Unpredictability and Context Conditioning: Does the Nature of the US Matter?. <i>Spanish Journal of Psychology</i> , 2013, 16, E46.	2.1	3
75	The relationship between fear generalization and pain modulation: an investigation in healthy participants. <i>Scandinavian Journal of Pain</i> , 2019, 20, 151-165.	1.3	3
76	Motor action changes pain perception: a sensory attenuation paradigm in the context of pain. <i>Pain</i> , 2021, 162, 2060-2069.	4.2	3
77	Assessing kinesthetic proprioceptive function of the upper limb: a novel dynamic movement reproduction task using a robotic arm. <i>PeerJ</i> , 2021, 9, e11301.	2.0	3
78	Know Your Movements: Poorer Proprioceptive Accuracy is Associated With Overprotective Avoidance Behavior. <i>Journal of Pain</i> , 2022, 23, 1400-1409.	1.4	3
79	The Neuroscience of Pain and Fear. , 2016, , 133-157.		2
80	The effect of differential spatiotopic information on the acquisition and generalization of fear of movement-related pain. <i>PeerJ</i> , 2019, 7, e6913.	2.0	2
81	Pain and avoidance: The potential benefits of imagining your best possible self. <i>Behaviour Research and Therapy</i> , 2022, 153, 104080.	3.1	2
82	Response to "Multiple chemical sensitivity is a response to chemicals acting as toxicants via excessive NMDA activity". <i>Journal of Psychosomatic Research</i> , 2010, 69, 328-330.	2.6	1
83	The acquisition and generalization of fear of touch. <i>Scandinavian Journal of Pain</i> , 2020, 20, 809-819.	1.3	1
84	Offset-Control Attenuates Context Conditioning Induced by US-unpredictability in a Human Conditioned Suppression Paradigm. <i>Psychologica Belgica</i> , 2013, 53, 39.	1.9	1
85	Generalization of fear of movement-related pain and avoidance behavior as predictors of work resumption after back surgery: a study protocol for a prospective study (WABS). <i>BMC Psychology</i> , 2022, 10, 39.	2.1	1
86	Shoulder pain across more movements is not related to more rotator cuff tendon findings in people with chronic shoulder pain diagnosed with subacromial pain syndrome. <i>Pain Reports</i> , 2021, 6, e980.	2.7	1