

# Carien M Van Reekum

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

4,815  
citations

186265

28  
h-index

98798

67  
g-index

83  
all docs

83  
docs citations

83  
times ranked

5436  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amygdala and Ventromedial Prefrontal Cortex Are Inversely Coupled during Regulation of Negative Affect and Predict the Diurnal Pattern of Cortisol Secretion among Older Adults. <i>Journal of Neuroscience</i> , 2006, 26, 4415-4425.	3.6	938
2	Failure to Regulate: Counterproductive Recruitment of Top-Down Prefrontal-Subcortical Circuitry in Major Depression. <i>Journal of Neuroscience</i> , 2007, 27, 8877-8884.	3.6	878
3	Gaze fixations predict brain activation during the voluntary regulation of picture-induced negative affect. <i>NeuroImage</i> , 2007, 36, 1041-1055.	4.2	235
4	Amygdala-prefrontal coupling underlies individual differences in emotion regulation. <i>NeuroImage</i> , 2012, 62, 1575-1581.	4.2	178
5	Individual Differences in Amygdala and Ventromedial Prefrontal Cortex Activity are Associated with Evaluation Speed and Psychological Well-being. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 237-248.	2.3	160
6	Individual differences in some (but not all) medial prefrontal regions reflect cognitive demand while regulating unpleasant emotion. <i>NeuroImage</i> , 2009, 47, 852-863.	4.2	160
7	Effects of hydration status on cognitive performance and mood. <i>British Journal of Nutrition</i> , 2014, 111, 1841-1852.	2.3	158
8	Purpose in Life Predicts Better Emotional Recovery from Negative Stimuli. <i>PLoS ONE</i> , 2013, 8, e80329.	2.5	149
9	The voice of emotion: an fMRI study of neural responses to angry and happy vocal expressions. <i>Social Cognitive and Affective Neuroscience</i> , 2006, 1, 242-249.	3.0	144
10	Sustained Striatal Activity Predicts Eudaimonic Well-Being and Cortisol Output. <i>Psychological Science</i> , 2013, 24, 2191-2200.	3.3	128
11	Psychophysiological responses to appraisal dimensions in a computer game. <i>Cognition and Emotion</i> , 2004, 18, 663-688.	2.0	125
12	Temporal dynamics of emotional responding: amygdala recovery predicts emotional traits. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 176-181.	3.0	113
13	Conscientiousness predicts greater recovery from negative emotion.. <i>Emotion</i> , 2012, 12, 875-881.	1.8	109
14	Nothing is safe: Intolerance of uncertainty is associated with compromised fear extinction learning. <i>Biological Psychology</i> , 2016, 121, 187-193.	2.2	95
15	The rise of affectivism. <i>Nature Human Behaviour</i> , 2021, 5, 816-820.	12.0	77
16	How reward modulates mimicry: <scp>EMG</scp> evidence of greater facial mimicry of more rewarding happy faces. <i>Psychophysiology</i> , 2012, 49, 998-1004.	2.4	76
17	Purposeful Engagement, Healthy Aging, and the Brain. <i>Current Behavioral Neuroscience Reports</i> , 2016, 3, 318-327.	1.3	71
18	Intolerance of uncertainty predicts fear extinction in amygdala-ventromedial prefrontal cortical circuitry. <i>Biology of Mood &amp; Anxiety Disorders</i> , 2015, 5, 4.	4.7	70

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19	The effect of cycling on cognitive function and well-being in older adults. PLoS ONE, 2019, 14, e0211779.	2.5	67
20	What Is Going On Around Here? Intolerance of Uncertainty Predicts Threat Generalization. PLoS ONE, 2016, 11, e0154494.	2.5	65
21	The uncertain brain: A co-ordinate based meta-analysis of the neural signatures supporting uncertainty during different contexts. Neuroscience and Biobehavioral Reviews, 2019, 96, 241-249.	6.1	50
22	Effects of electrode density and electrolyte spreading in dense array electroencephalographic recording. Clinical Neurophysiology, 2004, 115, 710-720.	1.5	43
23	Aging is associated with positive responding to neutral information but reduced recovery from negative information. Social Cognitive and Affective Neuroscience, 2011, 6, 177-185.	3.0	43
24	Amygdalar Function Reflects Common Individual Differences in Emotion and Pain Regulation Success. Journal of Cognitive Neuroscience, 2012, 24, 148-158.	2.3	43
25	Affective Speech Elicited With a Computer Game.. Emotion, 2005, 5, 513-518.	1.8	42
26	Intolerance of uncertainty and threat generalization: A replication and extension. Psychophysiology, 2020, 57, e13546.	2.4	34
27	Prolonged marital stress is associated with short-lived responses to positive stimuli. Psychophysiology, 2014, 51, 499-509.	2.4	33
28	Cross-modal Preference Acquisition: Evaluative Conditioning of Pictures by Affective Olfactory and Auditory Cues. Cognition and Emotion, 1999, 13, 831-836.	2.0	32
29	I feel safe when i know: Contingency instruction promotes threat extinction in high intolerance of uncertainty individuals. Behaviour Research and Therapy, 2019, 116, 111-118.	3.1	32
30	The time course of implicit affective picture processing: An eye movement study.. Emotion, 2013, 13, 769-773.	1.8	28
31	Frontal brain asymmetry, childhood maltreatment, and low-grade inflammation at midlife. Psychoneuroendocrinology, 2017, 75, 152-163.	2.7	28
32	The effects of difficulty and gain versus loss on vocal physiology and acoustics. Psychophysiology, 2007, 44, 827-837.	2.4	27
33	Escape the bear and fall to the lion: The impact of avoidance availability on threat acquisition and extinction. Biological Psychology, 2018, 138, 73-80.	2.2	27
34	The role of threat level and intolerance of uncertainty in extinction. International Journal of Psychophysiology, 2019, 142, 1-9.	1.0	25
35	I Doubt It Is Safe: A Meta-analysis of Self-reported Intolerance of Uncertainty and Threat Extinction Training. Biological Psychiatry Global Open Science, 2021, 1, 171-179.	2.2	23
36	Linking Amygdala Persistence to Real-World Emotional Experience and Psychological Well-Being. Journal of Neuroscience, 2021, 41, 3721-3730.	3.6	21

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37	Out with the old and in with the new: The role of intolerance of uncertainty in reversal of threat and safety. <i>Journal of Experimental Psychopathology</i> , 2019, 10, 204380871983445.	0.8	20
38	It's time: A commentary on fear extinction in the human brain using fMRI. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 94, 321-322.	6.1	19
39	Intolerance of uncertainty, and not social anxiety, is associated with compromised extinction of social threat. <i>Behaviour Research and Therapy</i> , 2021, 139, 103818.	3.1	16
40	Aging is associated with a prefrontal lateral-medial shift during picture-induced negative affect. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 156-163.	3.0	14
41	I don't know where to look: the impact of intolerance of uncertainty on saccades towards non-predictive emotional face distractors. <i>Cognition and Emotion</i> , 2018, 32, 953-962.	2.0	14
42	Cognitive and Affective Empathy Relate Differentially to Emotion Regulation. <i>Affective Science</i> , 2022, 3, 118-134.	2.6	14
43	Social domain based modulation of neural responses to threat: The different roles of romantic partners versus friends. <i>Social Neuroscience</i> , 2019, 14, 398-408.	1.3	13
44	Multimodal evidence for delayed threat extinction learning in adolescence and young adulthood. <i>Scientific Reports</i> , 2019, 9, 7748.	3.3	13
45	Periodic and aperiodic contributions to theta-beta ratios across adulthood. <i>Psychophysiology</i> , 2022, 59, .	2.4	13
46	Still feeling it: the time course of emotional recovery from an attentional perspective. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 201.	2.0	12
47	The Impact of Intolerance of Uncertainty and Cognitive Behavioural Instructions on Safety Learning. <i>Cognitive Therapy and Research</i> , 2020, 44, 931-942.	1.9	12
48	Instead of 'closing down' at our ages we're thinking of exciting and challenging things to do: older people's microadventures outdoors on (e-)bikes. <i>Journal of Adventure Education and Outdoor Learning</i> , 2019, 19, 124-139.	1.6	12
49	Stay calm! Regulating emotional responses by implementation intentions: Assessing the impact on physiological and subjective arousal. <i>Cognition and Emotion</i> , 2016, 30, 1107-1121.	2.0	11
50	Editorial. <i>Cognition and Emotion</i> , 2014, 28, 1-2.	2.0	10
51	4D hyperspherical harmonic (HyperSPHARM) representation of surface anatomy: A holistic treatment of multiple disconnected anatomical structures. <i>Medical Image Analysis</i> , 2015, 22, 89-101.	11.6	10
52	Eye spy with my little eye: Motivational relevance of visual stimuli guide eye-movements at different processing stages. <i>Biological Psychology</i> , 2017, 123, 8-14.	2.2	10
53	Intolerance of uncertainty is associated with heightened responding in the prefrontal cortex during cue-signalled uncertainty of threat. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 88-98.	2.0	8
54	Longitudinal change in executive function is associated with impaired top-down frontolimbic regulation during reappraisal in older adults. <i>NeuroImage</i> , 2021, 225, 117488.	4.2	7

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55	Editorial. <i>Cognition and Emotion</i> , 2016, 30, 1-2.	2.0	6
56	Pain-free day surgery? Evaluating pain and pain assessment during hysteroscopy. <i>British Journal of Anaesthesia</i> , 2020, 125, e468-e470.	3.4	6
57	The effect of social anxiety on the acquisition and extinction of low-cost avoidance. <i>Behaviour Research and Therapy</i> , 2021, 146, 103967.	3.1	6
58	Heat Kernel Smoothing via Laplace-Beltrami Eigenfunctions and Its Application to Subcortical Structure Modeling. <i>Lecture Notes in Computer Science</i> , 2011, , 36-47.	1.3	6
59	4D Hyperspherical Harmonic (HyperSPHARM) Representation of Multiple Disconnected Brain Subcortical Structures. <i>Lecture Notes in Computer Science</i> , 2013, 16, 598-605.	1.3	5
60	Conditioned pain modulation is associated with heightened connectivity between the periaqueductal grey and cortical regions. <i>Pain Reports</i> , 2022, 7, e999.	2.7	3
61	Just let me check: The role of individual differences in self-reported anxiety and obsessive-compulsive features on subjective, behavioural, and physiological indices during a checking task. <i>International Journal of Psychophysiology</i> , 2022, 179, 43-55.	1.0	3
62	Editorial. <i>Cognition and Emotion</i> , 2015, 29, 765-766.	2.0	2
63	It's not over yet: The impact of worry on emotional recovery. <i>Journal of Experimental Psychopathology</i> , 2020, 11, 204380872092994.	0.8	2
64	Editorial: Positive Neuroscience: the Neuroscience of Human Flourishing. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 47.	2.0	2
65	A Unified Kernel Regression for Diffusion Wavelets on Manifolds Detects Aging-Related Changes in the Amygdala and Hippocampus. <i>Lecture Notes in Computer Science</i> , 2014, 17, 789-796.	1.3	2
66	LARS network filtration in the study of EEG brain connectivity. , 2015, 2015, 30-33.		1
67	“You can go out 14 miles away with the knowledge that you’ve got the battery to help you back if you need it!” Narratives of ranging behaviour and wellbeing in diaries of e-bike trial participants.. <i>Active Travel Studies</i> , 2022, 2, .	1.2	1
68	Pain severity and pain interference during major depressive episodes treated with escitalopram and aripiprazole adjunctive therapy: a CAN-BIND-1 report. <i>Psychiatry Research</i> , 2022, 312, 114557.	3.3	1
69	Improved statistical power with a sparse shape model in detecting an aging effect in the hippocampus and amygdala. <i>Proceedings of SPIE</i> , 2014, 9034, 90340Y.	0.8	0
70	Regarding Mahmud et al., 2021, Benchmarking services in outpatient hysteroscopy (OPH): A quality improvement project-Letter to the Editor. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2021, 263, 231-232.	1.1	0