

# Cristina Ottaviani

## List of Publications by Year in descending order

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Version: 2024-02-01

101  
papers

3,604  
citations

136740

32  
h-index

168136

53  
g-index

104  
all docs

104  
docs citations

104  
times ranked

4343  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological concomitants of perseverative cognition: A systematic review and meta-analysis.. Psychological Bulletin, 2016, 142, 231-259.	5.5	324
2	Yoga as a Complementary Treatment of Depression: Effects of Traits and Moods on Treatment Outcome. Evidence-based Complementary and Alternative Medicine, 2007, 4, 493-502.	0.5	193
3	Alterations in Amygdala-Prefrontal Functional Connectivity Account for Excessive Worry and Autonomic Dysregulation in Generalized Anxiety Disorder. Biological Psychiatry, 2016, 80, 786-795.	0.7	146
4	Flexibility as the key for somatic health: From mind wandering to perseverative cognition. Biological Psychology, 2013, 94, 38-43.	1.1	118
5	“Far from the heart far from the eye” Evidence from the Capgras delusion. Cognitive Neuropsychiatry, 2007, 12, 189-197.	0.7	108
6	Impulsivity and household indebtedness: Evidence from real life. Journal of Economic Psychology, 2011, 32, 754-761.	1.1	95
7	A meta-analysis of non-invasive brain stimulation and autonomic functioning: Implications for brain-heart pathways to cardiovascular disease. Neuroscience and Biobehavioral Reviews, 2017, 74, 330-341.	2.9	94
8	Cognitive, behavioral, and autonomic correlates of mind wandering and perseverative cognition in major depression. Frontiers in Neuroscience, 2014, 8, 433.	1.4	90
9	Autonomic and Brain Morphological Predictors of Stress Resilience. Frontiers in Neuroscience, 2018, 12, 228.	1.4	83
10	Heart rate variability mediates the link between rumination and depressive symptoms: A longitudinal study. International Journal of Psychophysiology, 2018, 131, 131-138.	0.5	78
11	The compassionate vagus: A meta-analysis on the connection between compassion and heart rate variability. Neuroscience and Biobehavioral Reviews, 2020, 116, 21-30.	2.9	77
12	The autonomic phenotype of rumination. International Journal of Psychophysiology, 2009, 72, 267-275.	0.5	72
13	Pros and cons of a wandering mind: a prospective study. Frontiers in Psychology, 2013, 4, 524.	1.1	72
14	Dimensionality of self-compassion: translation and construct validation of the self-compassion scale in an Italian sample. Journal of Mental Health, 2014, 23, 72-77.	1.0	70
15	How do we decide what to do? Resting-state connectivity patterns and components of self-generated thought linked to the development of more concrete personal goals. Experimental Brain Research, 2018, 236, 2469-2481.	0.7	68
16	Neurobiological substrates of cognitive rigidity and autonomic inflexibility in generalized anxiety disorder. Biological Psychology, 2016, 119, 31-41.	1.1	65
17	Brain-heart interaction in perseverative cognition. Psychophysiology, 2018, 55, e13082.	1.2	60
18	Mindfulness facets distinctively predict depressive symptoms after two years: The mediating role of rumination. Personality and Individual Differences, 2016, 93, 92-96.	1.6	58

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19	Better Safe Than Sorry: A Common Signature of General Vulnerability for Psychopathology. <i>Perspectives on Psychological Science</i> , 2021, 16, 225-246.	5.2	57
20	Cognitive rigidity is mirrored by autonomic inflexibility in daily life perseverative cognition. <i>Biological Psychology</i> , 2015, 107, 24-30.	1.1	56
21	Compassion at the mirror: Exposure to a mirror increases the efficacy of a self-compassion manipulation in enhancing soothing positive affect and heart rate variability. <i>Journal of Positive Psychology</i> , 2017, 12, 525-536.	2.6	56
22	Mind-wandering and alterations to default mode network connectivity when listening to naturalistic versus artificial sounds. <i>Scientific Reports</i> , 2017, 7, 45273.	1.6	54
23	Rumination in the laboratory: What happens when you go back to everyday life?. <i>Psychophysiology</i> , 2011, 48, 453-461.	1.2	52
24	Affective touch: A meta-analysis on sex differences. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 445-452.	2.9	51
25	<scp>Megaâ€analysis</scp> methods in <scp>ENIGMA</scp>: The experience of the generalized anxiety disorder working group. <i>Human Brain Mapping</i> , 2022, 43, 255-277.	1.9	51
26	Amygdala responses to masked and low spatial frequency fearful faces: a preliminary fMRI study in panic disorder. <i>Psychiatry Research - Neuroimaging</i> , 2012, 203, 159-165.	0.9	47
27	Can't get it off my brain: Meta-analysis of neuroimaging studies on perseverative cognition. <i>Psychiatry Research - Neuroimaging</i> , 2020, 295, 111020.	0.9	47
28	Neurostructural abnormalities associated with axes of emotion dysregulation in generalized anxiety. <i>NeuroImage: Clinical</i> , 2016, 10, 172-181.	1.4	46
29	Amygdala functional connectivity as a longitudinal biomarker of symptom changes in generalized anxiety. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1719-1728.	1.5	45
30	Emotional processes in human-robot interaction during brief cognitive testing. <i>Computers in Human Behavior</i> , 2019, 90, 331-342.	5.1	40
31	Worry as an adaptive avoidance strategy in healthy controls but not in pathological worriers. <i>International Journal of Psychophysiology</i> , 2014, 93, 349-355.	0.5	37
32	Effects of prefrontal transcranial direct current stimulation on autonomic and neuroendocrine responses to psychosocial stress in healthy humans. <i>Stress</i> , 2020, 23, 26-36.	0.8	37
33	Autonomic correlates of physical and moral disgust. <i>International Journal of Psychophysiology</i> , 2013, 89, 57-62.	0.5	36
34	Heart rate variability and treatment outcome in major depression: A pilot study. <i>International Journal of Psychophysiology</i> , 2014, 93, 204-210.	0.5	36
35	Cortical thickness and restingâ€state cardiac function across the lifespan: A crossâ€sectional pooled megaâ€analysis. <i>Psychophysiology</i> , 2021, 58, e13688.	1.2	33
36	A metaâ€analytic investigation of consumer overâ€indebtedness: The role of impulsivity. <i>International Journal of Consumer Studies</i> , 2020, 44, 328-342.	7.2	33

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37	Resting Heart Rate Variability Predicts Inhibitory Control Above and Beyond Impulsivity. <i>Journal of Psychophysiology</i> , 2019, 33, 198-206.	0.3	32
38	Obesity is associated with lack of inhibitory control and impaired heart rate variability reactivity and recovery in response to food stimuli. <i>International Journal of Psychophysiology</i> , 2017, 116, 77-84.	0.5	31
39	<scp>ENIGMAâ€œanxiety</scp>working group: Rationale for and organization of<scp>largeâ€œscale</scp>neuroimaging studies of anxiety disorders. <i>Human Brain Mapping</i> , 2022, 43, 83-112.	1.9	31
40	Effectiveness of Mindfulness-Based Relapse Prevention for Co-occurring Substance Use and Depression Disorders. <i>Mindfulness</i> , 2016, 7, 1347-1355.	1.6	30
41	Transcranial direct current stimulation enhances soothing positive affect and vagal tone. <i>Neuropsychologia</i> , 2017, 96, 256-261.	0.7	29
42	Mental health during the COVID-19 pandemic and beyond: The importance of the vagus nerve for biopsychosocial resilience. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 125, 1-10.	2.9	27
43	Autonomic Stress Response Modes and Ambulatory Heart Rate Level and Variability. <i>Journal of Psychophysiology</i> , 2008, 22, 28-40.	0.3	26
44	Positive Social Interactions in a Lifespan Perspective with a Focus on Opioidergic and Oxytocinergic Systems: Implications for Neuroprotection. <i>Current Neuropharmacology</i> , 2017, 15, 543-561.	1.4	26
45	Poor Cognitive Inhibition Predicts Rumination About Insomnia in a Clinical Sample. <i>Behavioral Sleep Medicine</i> , 2019, 17, 672-681.	1.1	25
46	Goal Directed Worry Rules Are Associated with Distinct Patterns of Amygdala Functional Connectivity and Vagal Modulation during Perseverative Cognition. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 553.	1.0	24
47	Cortical morphometric predictors of autonomic dysfunction in generalized anxiety disorder. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 217, 41-48.	1.4	24
48	Cortical and subcortical brain structure in generalized anxiety disorder: findings from 28 research sites in the ENIGMA-Anxiety Working Group. <i>Translational Psychiatry</i> , 2021, 11, 502.	2.4	24
49	Hemodynamic profile, compensation deficit, and ambulatory blood pressure. <i>Psychophysiology</i> , 2006, 43, 46-56.	1.2	23
50	Financial Literacy, Debt Burden and Impulsivity: A Mediation Analysis. <i>Economic Notes</i> , 2018, 47, 439-454.	0.3	22
51	Transcranial direct current stimulation improves the QT variability index and autonomic cardiac control in healthy subjects older than 60 years. <i>Clinical Interventions in Aging</i> , 2016, Volume 11, 1687-1695.	1.3	21
52	Vascular profile, delayed recovery, inflammatory process, and ambulatory blood pressure: Laboratory-to-life generalizability. <i>International Journal of Psychophysiology</i> , 2007, 66, 56-65.	0.5	20
53	The verbal nature of worry in generalized anxiety: Insights from the brain. <i>NeuroImage: Clinical</i> , 2018, 17, 882-892.	1.4	20
54	Hemodynamic Profiles of Functional and Dysfunctional Forms of Repetitive Thinking. <i>Annals of Behavioral Medicine</i> , 2017, 51, 261-271.	1.7	19

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55	Compassion Is Not a Benzo: Distinctive Associations of Heart Rate Variability With Its Empathic and Action Components. <i>Frontiers in Neuroscience</i> , 2021, 15, 617443.	1.4	18
56	Association between Attention and Heart Rate Fluctuations in Pathological Worriers. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 648.	1.0	17
57	Comparative effects of group metacognitive therapy versus behavioural activation in moderately depressed students. <i>Journal of Mental Health</i> , 2016, 25, 479-485.	1.0	17
58	Network abnormalities in generalized anxiety pervade beyond the amygdala-pre-frontal cortex circuit: Insights from graph theory. <i>Psychiatry Research - Neuroimaging</i> , 2018, 281, 107-116.	0.9	17
59	Moderating effects of the valence of social interaction on the dysfunctional consequences of perseverative cognition: an ecological study in major depression and social anxiety disorder. <i>Anxiety, Stress and Coping</i> , 2019, 32, 179-195.	1.7	17
60	Do we need a stressor to be stressed? Insights from cardiac regulation. <i>Japanese Psychological Research</i> , 2011, 53, 155-162.	0.4	16
61	Response time as a proxy of ongoing mental state: A combined fMRI and pupillometry study in Generalized Anxiety Disorder. <i>NeuroImage</i> , 2019, 191, 380-391.	2.1	16
62	Mind wandering, together with test anxiety and self-efficacy, predicts student's academic self-concept but not reading comprehension skills. <i>British Journal of Educational Psychology</i> , 2019, 89, 307-323.	1.6	15
63	Blood pressure-related hypoalgesia: a systematic review and meta-analysis. <i>Journal of Hypertension</i> , 2020, 38, 1420-1435.	0.3	15
64	Inertia of emotions and inertia of the heart: Physiological processes underlying inertia of negative emotions at work. <i>International Journal of Psychophysiology</i> , 2020, 155, 210-218.	0.5	15
65	COVID-19 Impact on Parental Emotion Socialization and Youth Socioemotional Adjustment in Italy. <i>Journal of Research on Adolescence</i> , 2021, 31, 657-677.	1.9	15
66	Reading under the skin: physiological activation during reading in children with dyslexia and typical readers. <i>Annals of Dyslexia</i> , 2016, 66, 171-186.	1.2	14
67	A Preliminary Investigation on the Effectiveness of Unified and Transdiagnostic Cognitive Behavior Therapy for Patients With Comorbid Depression and Anxiety. <i>International Journal of Cognitive Therapy</i> , 2017, 10, 175-185.	1.3	14
68	I obsessively clean because deontological guilt makes me feel physiologically disgusted!. <i>Journal of Obsessive-Compulsive and Related Disorders</i> , 2019, 20, 21-29.	0.7	13
69	Reducing the Meta-Emotional Problem Decreases Physiological Fear Response during Exposure in Phobics. <i>Frontiers in Psychology</i> , 2016, 7, 1105.	1.1	12
70	Deontological morality can be experimentally enhanced by increasing disgust: A transcranial direct current stimulation study. <i>Neuropsychologia</i> , 2018, 119, 474-481.	0.7	12
71	Hemodynamic profile and compensation deficit in African and European Americans during physical and mental stress. <i>Biological Psychology</i> , 2019, 141, 17-24.	1.1	12
72	Effects of Presleep Cognitive Intrusions on Subjective Sleep and Next-Day Cognitive Performance in Insomnia. <i>Behavior Therapy</i> , 2020, 51, 688-699.	1.3	12

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73	Dissociating cognitive, behavioral and physiological stress-related responses through dorsolateral prefrontal cortex inhibition. <i>Psychoneuroendocrinology</i> , 2021, 124, 105070.	1.3	11
74	Combining top-down and bottom-up interventions targeting the vagus nerve to increase resilience. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 725-729.	2.9	11
75	Sleep disturbance, neuro-immune markers, and depressive symptoms in older age: Conditional process analysis from the English Longitudinal Study of Aging (ELSA). <i>Psychoneuroendocrinology</i> , 2022, 142, 105770.	1.3	11
76	Neurovisceral integration in the executive control network: A resting state analysis. <i>Biological Psychology</i> , 2020, 157, 107986.	1.1	10
77	Rumination and Emotional Profile in Children with Specific Learning Disorders and Their Parents. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 389.	1.2	10
78	Safe in my heart: resting heart rate variability longitudinally predicts emotion regulation, worry, and sense of safeness during COVID-19 lockdown. <i>Stress</i> , 2022, 25, 9-13.	0.8	10
79	Familiarity of Faces: Sense or Feeling?. <i>Journal of Psychophysiology</i> , 2015, 29, 20-25.	0.3	9
80	Specific Dysphoric Symptoms Are Predicted by Early Maladaptive Schemas. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	0.8	8
81	A Kid-Friendly Tool to Assess Rumination in Children and Early Adolescents: Relationships with Mother Psychopathology and Family Functioning. <i>Journal of Child and Family Studies</i> , 2017, 26, 2703-2715.	0.7	8
82	Brain-Heart Pathways to Blood Pressure-Related Hypoalgesia. <i>Psychosomatic Medicine</i> , 2018, 80, 845-852.	1.3	8
83	Heart rate variability in response to the recall of attachment memories. <i>Attachment and Human Development</i> , 2020, 22, 643-652.	1.2	8
84	An experimental examination of worry and relaxation on cardiovascular, endocrine, and inflammatory processes. <i>Psychoneuroendocrinology</i> , 2020, 122, 104870.	1.3	8
85	Effects of dipping and psychological traits on morning surge in blood pressure in healthy people. <i>Journal of Human Hypertension</i> , 2012, 26, 228-235.	1.0	7
86	Trusting your heart: Long-term memory for bad and good people is influenced by resting vagal tone. <i>Consciousness and Cognition</i> , 2019, 75, 102810.	0.8	7
87	The Cardiovascular Conundrum in Ethnic and Sexual Minorities: A Potential Biomarker of Constant Coping With Discrimination. <i>Frontiers in Neuroscience</i> , 2021, 15, 619171.	1.4	7
88	Filthiness of Immorality: Manipulating Disgust and Moral Rigidity Through Noninvasive Brain Stimulation as a Promising Therapeutic Tool for Obsessive Compulsive Disorder. <i>Clinical Psychological Science</i> , 2022, 10, 127-140.	2.4	7
89	The Heart in the Mind: A Systematic Review and Meta-Analysis of the Association Between Theory of Mind and Cardiac Vagal Tone. <i>Frontiers in Physiology</i> , 2021, 12, 611609.	1.3	7
90	Decision-Making Under Uncertainty and Demand for Health Insurance. <i>Journal of Psychophysiology</i> , 2015, 29, 80-85.	0.3	7

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91	Metabolic Predictors of Inflammation, Adhesion, and Coagulability in Healthy Younger-aged Adults. <i>Obesity</i> , 2008, 16, 2702-2706.	1.5	6
92	Family functioning and parents' dispositions moderate the affective, attentional and physiological consequences of rumination in children. <i>Biological Psychology</i> , 2017, 127, 220-228.	1.1	6
93	The Mind in the Machine: Mind Perception Modulates Gaze Aversion During Child-Robot Interaction. <i>International Journal of Social Robotics</i> , 2021, 13, 599-614.	3.1	6
94	Reduced recognition of facial emotional expressions in global burnout and burnout depersonalization in healthcare providers. <i>PeerJ</i> , 2021, 9, e10610.	0.9	5
95	Personal Resources and Organizational Outcomes: Sex as a Moderator of the Complex Relationships Between Self-Esteem, Heart Rate Variability, and Work-Related Exhaustion. <i>Frontiers in Neuroscience</i> , 2021, 15, 615363.	1.4	5
96	Affective Saturation Index: A Lexical Measure of Affect. <i>Entropy</i> , 2021, 23, 1421.	1.1	4
97	Editorial: Can't Get You Out of My Head: Brain-Body Interactions in Perseverative Cognition. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 634.	1.0	3
98	Thalamocortical disconnection affects the somatic marker and social cognition: a case report. <i>Neurocase</i> , 2019, 25, 1-9.	0.2	3
99	Breathing out dental fear: A feasibility crossover study on the effectiveness of diaphragmatic breathing in children sitting on the dentist's chair. <i>International Journal of Paediatric Dentistry</i> , 2022, , .	1.0	3
100	The Role of Personal Goals in Depressive Reaction to Adverse Life Events: A Cross-Sectional Study. <i>Scientific World Journal</i> , The, 2012, 2012, 1-8.	0.8	2
101	Perseverative Cognition in the Positive Valence Systems: An Experimental and Ecological Investigation. <i>Brain Sciences</i> , 2021, 11, 585.	1.1	1