Cristina Ottaviani

List of Publications by Year
in descending order

101 papers	3,604 citations	136950 32 h-index	161849 54 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.	6.1	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.	1.2	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.	1.3	146
4	Flexibility as the key for somatic health: From mind wandering to perseverative cognition. Biological Psychology, 2013, 94, 38-43.	2.2	118
5	â€œFar from the heart far from the eyeâ€: Evidence from the Capgras delusion. Cognitive Neuropsychiatry, 2007, 12, 189-197.	1.3	108
6	Impulsivity and household indebtedness: Evidence from real life. Journal of Economic Psychology, 2011, 32, 754-761.	2.2	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.	6.1	94
8	Cognitive, behavioral, and autonomic correlates of mind wandering and perseverative cognition in major depression. Frontiers in Neuroscience, 2014, 8, 433.	2.8	90
9	Autonomic and Brain Morphological Predictors of Stress Resilience. Frontiers in Neuroscience, 2018, 12, 228.	2.8	83
10	Heart rate variability mediates the link between rumination and depressive symptoms: A longitudinal study. International Journal of Psychophysiology, 2018, 131, 131-138.	1.0	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.	6.1	77
12	The autonomic phenotype of rumination. International Journal of Psychophysiology, 2009, 72, 267-275.	1.0	72
13	Pros and cons of a wandering mind: a prospective study. Frontiers in Psychology, 2013, 4, 524.	2.1	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.	1.9	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.	1.5	68
16	Neurobiological substrates of cognitive rigidity and autonomic inflexibility in generalized anxiety disorder. Biological Psychology, 2016, 119, 31-41.	2.2	65
17	Brainâ€heart interaction in perseverative cognition. Psychophysiology, 2018, 55, e13082.	2.4	60
18	Mindfulness facets distinctively predict depressive symptoms after two years: The mediating role of rumination. Personality and Individual Differences, 2016, 93, 92-96.	2.9	58

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19	Better Safe Than Sorry: A Common Signature of General Vulnerability for Psychopathology. Perspectives on Psychological Science, 2021, 16, 225-246.	9.0	57
20	Cognitive rigidity is mirrored by autonomic inflexibility in daily life perseverative cognition. Biological Psychology, 2015, 107, 24-30.	2.2	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. Journal of Positive Psychology, 2017, 12, 525-536.	4.0	56
22	Mind-wandering and alterations to default mode network connectivity when listening to naturalistic versus artificial sounds. Scientific Reports, 2017, 7, 45273.	3.3	54
23	Rumination in the laboratory: What happens when you go back to everyday life?. Psychophysiology, 2011, 48, 453-461.	2.4	52
24	Affective touch: A meta-analysis on sex differences. Neuroscience and Biobehavioral Reviews, 2020, 108, 445-452.	6.1	51
25	<scp>Megaâ€analysis</scp> methods in <scp>ENIGMA</scp>: The experience of the generalized anxiety disorder working group. Human Brain Mapping, 2022, 43, 255-277.	3.6	51
26	Amygdala responses to masked and low spatial frequency fearful faces: a preliminary fMRI study in panic disorder. Psychiatry Research - Neuroimaging, 2012, 203, 159-165.	1.8	47
27	Can't get it off my brain: Meta-analysis of neuroimaging studies on perseverative cognition. Psychiatry Research - Neuroimaging, 2020, 295, 111020.	1.8	47
28	Neurostructural abnormalities associated with axes of emotion dysregulation in generalized anxiety. NeuroImage: Clinical, 2016, 10, 172-181.	2.7	46
29	Amygdala functional connectivity as a longitudinal biomarker of symptom changes in generalized anxiety. Social Cognitive and Affective Neuroscience, 2016, 11, 1719-1728.	3.0	45
30	Emotional processes in human-robot interaction during brief cognitive testing. Computers in Human Behavior, 2019, 90, 331-342.	8.5	40
31	Worry as an adaptive avoidance strategy in healthy controls but not in pathological worriers. International Journal of Psychophysiology, 2014, 93, 349-355.	1.0	37
32	Effects of prefrontal transcranial direct current stimulation on autonomic and neuroendocrine responses to psychosocial stress in healthy humans. Stress, 2020, 23, 26-36.	1.8	37
33	Autonomic correlates of physical and moral disgust. International Journal of Psychophysiology, 2013, 89, 57-62.	1.0	36
34	Heart rate variability and treatment outcome in major depression: A pilot study. International Journal of Psychophysiology, 2014, 93, 204-210.	1.0	36
35	Cortical thickness and restingâ€state cardiac function across the lifespan: A crossâ€sectional pooled megaâ€analysis. Psychophysiology, 2021, 58, e13688.	2.4	33
36	A metaâ€analytic investigation of consumer overâ€indebtedness: The role of impulsivity. International Journal of Consumer Studies, 2020, 44, 328-342.	11.6	33

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37	Resting Heart Rate Variability Predicts Inhibitory Control Above and Beyond Impulsivity. Journal of Psychophysiology, 2019, 33, 198-206.	0.7	32
38	Obesity is associated with lack of inhibitory control and impaired heart rate variability reactivity and recovery in response to food stimuli. International Journal of Psychophysiology, 2017, 116, 77-84.	1.0	31
39	<scp>ENIGMAâ€anxiety</scp>working group: Rationale for and organization of<scp>largeâ€scale</scp>neuroimaging studies of anxiety disorders. Human Brain Mapping, 2022, 43, 83-112.	3.6	31
40	Effectiveness of Mindfulness-Based Relapse Prevention for Co-occurring Substance Use and Depression Disorders. Mindfulness, 2016, 7, 1347-1355.	2.8	30
41	Transcranial direct current stimulation enhances soothing positive affect and vagal tone. Neuropsychologia, 2017, 96, 256-261.	1.6	29
42	Mental health during the COVID-19 pandemic and beyond: The importance of the vagus nerve for biopsychosocial resilience. Neuroscience and Biobehavioral Reviews, 2021, 125, 1-10.	6.1	27
43	Autonomic Stress Response Modes and Ambulatory Heart Rate Level and Variability. Journal of Psychophysiology, 2008, 22, 28-40.	0.7	26
44	Positive Social Interactions in a Lifespan Perspective with a Focus on Opioidergic and Oxytocinergic Systems: Implications for Neuroprotection. Current Neuropharmacology, 2017, 15, 543-561.	2.9	26
45	Poor Cognitive Inhibition Predicts Rumination About Insomnia in a Clinical Sample. Behavioral Sleep Medicine, 2019, 17, 672-681.	2.1	25
46	Goal Directed Worry Rules Are Associated with Distinct Patterns of Amygdala Functional Connectivity and Vagal Modulation during Perseverative Cognition. Frontiers in Human Neuroscience, 2016, 10, 553.	2.0	24
47	Cortical morphometric predictors of autonomic dysfunction in generalized anxiety disorder. Autonomic Neuroscience: Basic and Clinical, 2019, 217, 41-48.	2.8	24
48	Cortical and subcortical brain structure in generalized anxiety disorder: findings from 28 research sites in the ENIGMA-Anxiety Working Group. Translational Psychiatry, 2021, 11, 502.	4.8	24
49	Hemodynamic profile, compensation deficit, and ambulatory blood pressure. Psychophysiology, 2006, 43, 46-56.	2.4	23
50	Financial Literacy, Debt Burden and Impulsivity: A Mediation Analysis. Economic Notes, 2018, 47, 439-454.	0.4	22
51	Transcranial direct current stimulation improves the QT variability index and autonomic cardiac control in healthy subjects older than 60 years. Clinical Interventions in Aging, 2016, Volume 11, 1687-1695.	2.9	21
52	Vascular profile, delayed recovery, inflammatory process, and ambulatory blood pressure: Laboratory-to-life generalizability. International Journal of Psychophysiology, 2007, 66, 56-65.	1.0	20
53	The verbal nature of worry in generalized anxiety: Insights from the brain. NeuroImage: Clinical, 2018, 17, 882-892.	2.7	20
54	Hemodynamic Profiles of Functional and Dysfunctional Forms of Repetitive Thinking. Annals of Behavioral Medicine, 2017, 51, 261-271.	2.9	19

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55	Compassion Is Not a Benzo: Distinctive Associations of Heart Rate Variability With Its Empathic and Action Components. Frontiers in Neuroscience, 2021, 15, 617443.	2.8	18
56	Association between Attention and Heart Rate Fluctuations in Pathological Worriers. Frontiers in Human Neuroscience, 2016, 10, 648.	2.0	17
57	Comparative effects of group metacognitive therapy versus behavioural activation in moderately depressed students. Journal of Mental Health, 2016, 25, 479-485.	1.9	17
58	Network abnormalities in generalized anxiety pervade beyond the amygdala-pre-frontal cortex circuit: Insights from graph theory. Psychiatry Research - Neuroimaging, 2018, 281, 107-116.	1.8	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. Anxiety, Stress and Coping, 2019, 32, 179-195.	2.9	17
60	Do we need a stressor to be stressed? Insights from cardiac regulation¹. Japanese Psychological Research, 2011, 53, 155-162.	1.1	16
61	Response time as a proxy of ongoing mental state: A combined fMRI and pupillometry study in Generalized Anxiety Disorder. NeuroImage, 2019, 191, 380-391.	4.2	16
62	Mind wandering, together with test anxiety and selfâ€efficacy, predicts student's academic selfâ€concept but not reading comprehension skills. British Journal of Educational Psychology, 2019, 89, 307-323.	2.9	15
63	Blood pressure-related hypoalgesia: a systematic review and meta-analysis. Journal of Hypertension, 2020, 38, 1420-1435.	0.5	15
64	Inertia of emotions and inertia of the heart: Physiological processes underlying inertia of negative emotions at work. International Journal of Psychophysiology, 2020, 155, 210-218.	1.0	15
65	COVIDâ€19 Impact on Parental Emotion Socialization and Youth Socioemotional Adjustment in Italy. Journal of Research on Adolescence, 2021, 31, 657-677.	3.7	15
66	Reading under the skin: physiological activation during reading in children with dyslexia and typical readers. Annals of Dyslexia, 2016, 66, 171-186.	1.7	14
67	A Preliminary Investigation on the Effectiveness of Unified and Transdiagnostic Cognitive Behavior Therapy for Patients With Comorbid Depression and Anxiety. International Journal of Cognitive Therapy, 2017, 10, 175-185.	2.2	14
68	I obsessively clean because deontological guilt makes me feel physiologically disgusted!. Journal of Obsessive-Compulsive and Related Disorders, 2019, 20, 21-29.	1.5	13
69	Reducing the Meta-Emotional Problem Decreases Physiological Fear Response during Exposure in Phobics. Frontiers in Psychology, 2016, 7, 1105.	2.1	12
70	Deontological morality can be experimentally enhanced by increasing disgust: A transcranial direct current stimulation study. Neuropsychologia, 2018, 119, 474-481.	1.6	12
71	Hemodynamic profile and compensation deficit in African and European Americans during physical and mental stress. Biological Psychology, 2019, 141, 17-24.	2.2	12
72	Effects of Presleep Cognitive Intrusions on Subjective Sleep and Next-Day Cognitive Performance in Insomnia. Behavior Therapy, 2020, 51, 688-699.	2.4	12

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73	Dissociating cognitive, behavioral and physiological stress-related responses through dorsolateral prefrontal cortex inhibition. Psychoneuroendocrinology, 2021, 124, 105070.	2.7	11
74	Combining top-down and bottom-up interventions targeting the vagus nerve to increase resilience. Neuroscience and Biobehavioral Reviews, 2022, 132, 725-729.	6.1	11
75	Sleep disturbance, neuro-immune markers, and depressive symptoms in older age: Conditional process analysis from the English Longitudinal Study of Aging (ELSA). Psychoneuroendocrinology, 2022, 142, 105770.	2.7	11
76	Neurovisceral integration in the executive control network: A resting state analysis. Biological Psychology, 2020, 157, 107986.	2.2	10
77	Rumination and Emotional Profile in Children with Specific Learning Disorders and Their Parents. International Journal of Environmental Research and Public Health, 2020, 17, 389.	2.6	10
78	Safe in my heart: resting heart rate variability longitudinally predicts emotion regulation, worry, and sense of safeness during COVID-19 lockdown. Stress, 2022, 25, 9-13.	1.8	10
79	Familiarity of Faces: Sense or Feeling?. Journal of Psychophysiology, 2015, 29, 20-25.	0.7	9
80	Specific Dysphoric Symptoms Are Predicted by Early Maladaptive Schemas. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	8
81	A Kid-Friendly Tool to Assess Rumination in Children and Early Adolescents: Relationships with Mother Psychopathology and Family Functioning. Journal of Child and Family Studies, 2017, 26, 2703-2715.	1.3	8
82	Brainâ€“Heart Pathways to Blood Pressure-Related Hypoalgesia. Psychosomatic Medicine, 2018, 80, 845-852.	2.0	8
83	Heart rate variability in response to the recall of attachment memories. Attachment and Human Development, 2020, 22, 643-652.	2.1	8
84	An experimental examination of worry and relaxation on cardiovascular, endocrine, and inflammatory processes. Psychoneuroendocrinology, 2020, 122, 104870.	2.7	8
85	Effects of dipping and psychological traits on morning surge in blood pressure in healthy people. Journal of Human Hypertension, 2012, 26, 228-235.	2.2	7
86	Trusting your heart: Long-term memory for bad and good people is influenced by resting vagal tone. Consciousness and Cognition, 2019, 75, 102810.	1.5	7
87	The Cardiovascular Conundrum in Ethnic and Sexual Minorities: A Potential Biomarker of Constant Coping With Discrimination. Frontiers in Neuroscience, 2021, 15, 619171.	2.8	7
88	Filthiness of Immorality: Manipulating Disgust and Moral Rigidity Through Noninvasive Brain Stimulation as a Promising Therapeutic Tool for Obsessive Compulsive Disorder. Clinical Psychological Science, 2022, 10, 127-140.	4.0	7
89	The Heart in the Mind: A Systematic Review and Meta-Analysis of the Association Between Theory of Mind and Cardiac Vagal Tone. Frontiers in Physiology, 2021, 12, 611609.	2.8	7
90	Decision-Making Under Uncertainty and Demand for Health Insurance. Journal of Psychophysiology, 2015, 29, 80-85.	0.7	7

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91	Metabolic Predictors of Inflammation, Adhesion, and Coagulability in Healthy Youngerâ€aged Adults. Obesity, 2008, 16, 2702-2706.	3.0	6
92	Family functioning and parentsâ€™ dispositions moderate the affective, attentional and physiological consequences of rumination in children. Biological Psychology, 2017, 127, 220-228.	2.2	6
93	The Mind in the Machine: Mind Perception Modulates Gaze Aversion During Childâ€“Robot Interaction. International Journal of Social Robotics, 2021, 13, 599-614.	4.6	6
94	Reduced recognition of facial emotional expressions in global burnout and burnout depersonalization in healthcare providers. PeerJ, 2021, 9, e10610.	2.0	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. Frontiers in Neuroscience, 2021, 15, 615363.	2.8	5
96	Affective Saturation Index: A Lexical Measure of Affect. Entropy, 2021, 23, 1421.	2.2	4
97	Editorial: Can't Get You Out of My Head: Brain-Body Interactions in Perseverative Cognition. Frontiers in Human Neuroscience, 2017, 11, 634.	2.0	3
98	Thalamocortical disconnection affects the somatic marker and social cognition: a case report. Neurocase, 2019, 25, 1-9.	0.6	3
99	Breathing out dental fear: A feasibility crossover study on the effectiveness of diaphragmatic breathing in children sitting on the dentistâ€™s chair. International Journal of Paediatric Dentistry, 2022, , .	1.8	3
100	The Role of Personal Goals in Depressive Reaction to Adverse Life Events: A Cross-Sectional Study. Scientific World Journal, The, 2012, 2012, 1-8.	2.1	2
101	Perseverative Cognition in the Positive Valence Systems: An Experimental and Ecological Investigation. Brain Sciences, 2021, 11, 585.	2.3	1