

Visceral Influences on Brain and Behavior

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Dynamic cooperation and competition between brain systems during cognitive control. Trends in Cognitive Sciences, 2013, 17, 493-501.	4.0	379
2	The behavioral impact of baroreflex function: A review. Psychophysiology, 2013, 50, 1183-1193.	1.2	74
3	Substance-specific environmental influences on drug use and drug preference in animals and humans. Current Opinion in Neurobiology, 2013, 23, 588-596.	2.0	46
4	Multisensory integration across exteroceptive and interoceptive domains modulates self-experience in the rubber-hand illusion. Neuropsychologia, 2013, 51, 2909-2917.	0.7	341
5	Interoceptive inference, emotion, and the embodied self. Trends in Cognitive Sciences, 2013, 17, 565-573.	4.0	1,240
6	Migraine in gulf war illness and chronic fatigue syndrome: prevalence, potential mechanisms, and evaluation. Frontiers in Physiology, 2013, 4, 181.	1.3	22
7	Functional organization of autonomic neural pathways. Organogenesis, 2013, 9, 169-175.	0.4	40
8	The embodied and relational nature of the mind: implications for clinical interventions in aging individuals and populations. Clinical Interventions in Aging, 2013, 8, 657.	1.3	13
9	Ventral-subgenual anterior cingulate cortex and self-transcendence. Frontiers in Psychology, 2013, 4, 1000.	1.1	11
10	Self-Processing and the Default Mode Network: Interactions with the Mirror Neuron System. Frontiers in Human Neuroscience, 2013, 7, 571.	1.0	152
11	Skin, fascias, and scars: symptoms and systemic connections. Journal of Multidisciplinary Healthcare, 2013, 7, 11.	1.1	35
12	Global differential expression of genes located in the Down Syndrome Critical Region in normal human brain. Colombia Medica, 2014, , 154-161.	0.7	12
13	Striking Discrepancy of Anomalous Body Experiences with Normal Interoceptive Accuracy in Depersonalization-Derealization Disorder. PLoS ONE, 2014, 9, e89823.	1.1	70
14	You Turn Me Cold: Evidence for Temperature Contagion. PLoS ONE, 2014, 9, e116126.	1.1	19
15	Neuroimaging and psychophysiological investigation of the link between anxiety, enhanced affective reactivity and interoception in people with joint hypermobility. Frontiers in Psychology, 2014, 5, 1162.	1.1	57
16	Nature and extent of person recognition impairments associated with Capgras syndrome in Lewy body dementia. Frontiers in Human Neuroscience, 2014, 8, 726.	1.0	16
17	Heart rate variability: a tool to explore the sleeping brain?. Frontiers in Neuroscience, 2014, 8, 402.	1.4	113
18	Conflict adaptation is predicted by the cognitive, but not the affective alexithymia dimension. Frontiers in Psychology, 2014, 5, 768.	1.1	10

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19	Ectomorphic somatotype and joint hypermobility are linked in panic and agoraphobic patients: A case-control study. <i>International Journal of Psychiatry in Clinical Practice</i> , 2014, 18, 112-117.	1.2	4
20	Placebo Responses on Cardiovascular, Gastrointestinal, and Respiratory Organ Functions. <i>Handbook of Experimental Pharmacology</i> , 2014, 225, 183-203.	0.9	26
21	Emotion, Somatovisceral Afference, and Autonomic Regulation. <i>Emotion Review</i> , 2014, 6, 113-123.	2.1	62
22	Health Neuroscience. <i>Current Directions in Psychological Science</i> , 2014, 23, 446-453.	2.8	50
23	The amygdalo-motor pathways and the control of facial expressions. <i>Frontiers in Neuroscience</i> , 2014, 8, 43.	1.4	60
24	Is there consistency and specificity of autonomic changes during emotional episodes? Guidance from the Conceptual Act Theory and psychophysiology. <i>Biological Psychology</i> , 2014, 98, 82-94.	1.1	64
25	Spontaneous fluctuations in neural responses to heartbeats predict visual detection. <i>Nature Neuroscience</i> , 2014, 17, 612-618.	7.1	274
26	The neural subjective frame: from bodily signals to perceptual consciousness. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130208.	1.8	144
27	Gut Vagal Afferents Differentially Modulate Innate Anxiety and Learned Fear. <i>Journal of Neuroscience</i> , 2014, 34, 7067-7076.	1.7	118
28	Complexity in Relational Processing Predicts Changes in Functional Brain Network Dynamics. <i>Cerebral Cortex</i> , 2014, 24, 2283-2296.	1.6	75
29	Smile—It's in your blood!. <i>Biochemical Pharmacology</i> , 2014, 91, 287-292.	2.0	15
30	Neural Circuitry of Interoception: New Insights into Anxiety and Obsessive-Compulsive Disorders. <i>Current Treatment Options in Psychiatry</i> , 2014, 1, 235-247.	0.7	26
31	Peripheral Inflammation Acutely Impairs Human Spatial Memory via Actions on Medial Temporal Lobe Glucose Metabolism. <i>Biological Psychiatry</i> , 2014, 76, 585-593.	0.7	103
32	Heartfelt imitation: High interoceptive awareness is linked to greater automatic imitation. <i>Neuropsychologia</i> , 2014, 60, 21-28.	0.7	73
33	Sex Differences in the Neural Representation of Pain Unpleasantness. <i>Journal of Pain</i> , 2014, 15, 867-877.	0.7	36
34	The integrated memory model: A new framework for understanding the mechanisms of change in psychotherapy. <i>Behavioral and Brain Sciences</i> , 2015, 38, .	0.4	4
35	Neural correlates of different self domains. <i>Brain and Behavior</i> , 2015, 5, e00409.	1.0	48
36	Aroused with heart: Modulation of heartbeat evoked potential by arousal induction and its oscillatory correlates. <i>Scientific Reports</i> , 2015, 5, 15717.	1.6	86

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38	Heartbeat-related EEG amplitude and phase modulations from wakefulness to deep sleep: Interactions with sleep spindles and slow oscillations. <i>Psychophysiology</i> , 2015, 52, 1441-1450.	1.2	61
39	Inflammation-induced pain sensitization in men and women. <i>Pain</i> , 2015, 156, 1954-1964.	2.0	59
40	Methodological recommendations for a heartbeat detection-based measure of interoceptive sensitivity. <i>Psychophysiology</i> , 2015, 52, 1432-1440.	1.2	85
41	Cerebral analgesic response to nonsteroidal anti-inflammatory drug ibuprofen. <i>Pain</i> , 2015, 156, 1301-1310.	2.0	38
42	Evidence for Enhanced Interoceptive Accuracy in Professional Musicians. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 349.	1.0	30
43	The preparatory set: a novel approach to understanding stress, trauma, and the bodymind therapies. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 178.	1.0	23
44	The role of the autonomic nervous system in Tourette Syndrome. <i>Frontiers in Neuroscience</i> , 2015, 9, 117.	1.4	45
45	Modulation of autonomic activity in neurological conditions: Epilepsy and Tourette Syndrome. <i>Frontiers in Neuroscience</i> , 2015, 9, 278.	1.4	14
46	Dissociation between Emotional Remapping of Fear and Disgust in Alexithymia. <i>PLoS ONE</i> , 2015, 10, e0140229.	1.1	31
47	Somatic experiencing: using interoception and proprioception as core elements of trauma therapy. <i>Frontiers in Psychology</i> , 2015, 6, 93.	1.1	107
48	Interoception, contemplative practice, and health. <i>Frontiers in Psychology</i> , 2015, 6, 763.	1.1	348
49	Gut-brain connection: The neuroprotective effects of the anti-diabetic drug liraglutide. <i>World Journal of Diabetes</i> , 2015, 6, 807.	1.3	62
50	Disentangling interoception: insights from focal strokes affecting the perception of external and internal milieus. <i>Frontiers in Psychology</i> , 2015, 6, 503.	1.1	40
51	Interoceptive predictions in the brain. <i>Nature Reviews Neuroscience</i> , 2015, 16, 419-429.	4.9	1,115
52	Brain mediators of systemic oxidative stress on perceptual impairments in Parkinson's disease. <i>Journal of Translational Medicine</i> , 2015, 13, 386.	1.8	18
53	Neural correlates of electrointestinography: Insular activity modulated by signals recorded from the abdominal surface. <i>Neuroscience</i> , 2015, 289, 1-8.	1.1	3
54	Brainspotting: Sustained attention, spinothalamic tracts, thalamocortical processing, and the healing of adaptive orientation truncated by traumatic experience. <i>Medical Hypotheses</i> , 2015, 84, 384-394.	0.8	9
55	Quantitative Magnetization Transfer Imaging as a Biomarker for Effects of Systemic Inflammation on the Brain. <i>Biological Psychiatry</i> , 2015, 78, 49-57.	0.7	105

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56	Neuroanatomical substrates for the volitional regulation of heart rate. <i>Frontiers in Psychology</i> , 2015, 06, 300.	1.1	21
57	Heart evoked potential triggers brain responses to natural affective scenes: A preliminary study. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 193, 132-137.	1.4	65
58	Baroreceptor activity impacts upon controlled but not automatic distractor processing. <i>Biological Psychology</i> , 2015, 110, 75-84.	1.1	9
59	Sleep Deprivation Impairs the Human Central and Peripheral Nervous System Discrimination of Social Threat. <i>Journal of Neuroscience</i> , 2015, 35, 10135-10145.	1.7	86
60	Interoceptive dysfunction: Toward an integrated framework for understanding somatic and affective disturbance in depression.. <i>Psychological Bulletin</i> , 2015, 141, 311-363.	5.5	196
61	Necessary, Yet Dissociable Contributions of the Insular and Ventromedial Prefrontal Cortices to Norm Adaptation: Computational and Lesion Evidence in Humans. <i>Journal of Neuroscience</i> , 2015, 35, 467-473.	1.7	77
62	Long-term pathological consequences of prenatal infection: beyond brain disorders. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R1-R12.	0.9	68
63	Asphyxia-activated corticocardiac signaling accelerates onset of cardiac arrest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2073-82.	3.3	39
64	Mapping the "Depression Switch" During Intraoperative Testing of Subcallosal Cingulate Deep Brain Stimulation. <i>JAMA Neurology</i> , 2015, 72, 1252.	4.5	116
65	Autonomic and brain responses associated with empathy deficits in autism spectrum disorder. <i>Human Brain Mapping</i> , 2015, 36, 3323-3338.	1.9	84
66	Visually induced nausea causes characteristic changes in cerebral, autonomic and endocrine function in humans. <i>Journal of Physiology</i> , 2015, 593, 1183-1196.	1.3	67
67	The effects of intragastric infusion of umami solutions on amygdalar and lateral hypothalamic neurons in rats. <i>Physiological Reports</i> , 2015, 3, e12545.	0.7	4
68	Auditory Feedback Differentially Modulates Behavioral and Neural Markers of Objective and Subjective Performance When Tapping to Your Heartbeat. <i>Cerebral Cortex</i> , 2015, 25, 4490-4503.	1.6	109
69	Brain-Body Pathways Linking Psychological Stress and Physical Health. <i>Current Directions in Psychological Science</i> , 2015, 24, 313-321.	2.8	176
70	Contribution of Interoceptive Information to Emotional Processing: Evidence from Individuals with Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2015, 32, 1981-1986.	1.7	21
71	Joint hypermobility and the heritable disorders of connective tissue: clinical and empirical evidence of links with psychiatry. <i>General Hospital Psychiatry</i> , 2015, 37, 24-30.	1.2	53
72	Emotion and decision-making explained: Response to commentators. <i>Cortex</i> , 2015, 62, 203-210.	1.1	13
73	Limbic systems for emotion and for memory, but no single limbic system. <i>Cortex</i> , 2015, 62, 119-157.	1.1	268

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74	Neurocircuitry of limbic dysfunction in anorexia nervosa. <i>Cortex</i> , 2015, 62, 109-118.	1.1	43
75	Saliency processing and insular cortical function and dysfunction. <i>Nature Reviews Neuroscience</i> , 2015, 16, 55-61.	4.9	1,603
76	Functional Neuroscience of Psychopathic Personality in Adults. <i>Journal of Personality</i> , 2015, 83, 723-737.	1.8	51
77	Current Perspectives in the Intersection between Emotion and Consciousness. <i>Clinical Depression</i> , 2016, 02, .	0.1	0
78	Corticoâ€Cortical Connections of Primary Sensory Areas and Associated Symptoms in Migraine. <i>ENeuro</i> , 2016, 3, ENEURO.0163-16.2016.	0.9	37
79	Allostatic Self-efficacy: A Metacognitive Theory of Dyshomeostasis-Induced Fatigue and Depression. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 550.	1.0	256
81	Structural Differences in Insular Cortex Reflect Vicarious Injustice Sensitivity. <i>PLoS ONE</i> , 2016, 11, e0167538.	1.1	8
82	The Psychophysiology of Emotions. , 2016, , 83-98.		11
83	Emotional Experience and Awareness of Self: Functional MRI Studies of Depersonalization Disorder. <i>Frontiers in Psychology</i> , 2016, 7, 432.	1.1	40
84	On the Origin of Interoception. <i>Frontiers in Psychology</i> , 2016, 7, 743.	1.1	167
85	Insular Volume Reduction in Patients with Social Anxiety Disorder. <i>Frontiers in Psychiatry</i> , 2016, 7, 3.	1.3	43
86	Can Interoception Improve the Pragmatic Search for Biomarkers in Psychiatry?. <i>Frontiers in Psychiatry</i> , 2016, 7, 121.	1.3	205
87	Belief about Nicotine Modulates Subjective Craving and Insula Activity in Deprived Smokers. <i>Frontiers in Psychiatry</i> , 2016, 7, 126.	1.3	25
88	Depression Phenotype, Inflammation, and the Brain. <i>Psychosomatic Medicine</i> , 2016, 78, 384-388.	1.3	18
89	Interoceptive dimensions across cardiac and respiratory axes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160014.	1.8	197
90	Towards a psychophysics of interoceptive processes: the measurement of heartbeat detection. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160015.	1.8	185
91	Feeling, learning from and being aware of inner states: interoceptive dimensions in neurodegeneration and stroke. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160006.	1.8	123
92	Changes in interoceptive processes following brain stimulation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160016.	1.8	83

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93	How the heart speaks to the brain: neural activity during cardiorespiratory interoceptive stimulation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160017.	1.8	55
94	Interferon- γ acutely impairs whole-brain functional connectivity network architecture – A preliminary study. <i>Brain, Behavior, and Immunity</i> , 2016, 58, 31-39.	2.0	42
95	Brain-heart interactions: challenges and opportunities with functional magnetic resonance imaging at ultra-high field. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150188.	1.6	26
96	Dominant hemisphere lateralization of cortical parasympathetic control as revealed by frontotemporal dementia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2430-9.	3.3	105
97	A non-reward attractor theory of depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 47-58.	2.9	138
99	Functional abnormalities of the right posterior insula are related to the altered self-experience in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2016, 256, 26-32.	0.9	34
100	The contribution of trait negative affect and stress to recall for bodily states. <i>Physiology and Behavior</i> , 2016, 167, 274-281.	1.0	4
101	“Bodily precision”: a predictive coding account of individual differences in interoceptive accuracy. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160003.	1.8	155
102	Is the cardiac monitoring function related to the self in both the default network and right anterior insula?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160004.	1.8	58
103	Neural Responses to Heartbeats in the Default Network Encode the Self in Spontaneous Thoughts. <i>Journal of Neuroscience</i> , 2016, 36, 7829-7840.	1.7	141
104	Transient Modulations of Neural Responses to Heartbeats Covary with Bodily Self-Consciousness. <i>Journal of Neuroscience</i> , 2016, 36, 8453-8460.	1.7	118
105	Cardiac cycle time effects on selection efficiency in vision. <i>Psychophysiology</i> , 2016, 53, 1702-1711.	1.2	37
106	Significance of neuro-cardiac control mechanisms governed by higher regions of the brain. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2016, 199, 54-65.	1.4	27
107	Interoception beyond homeostasis: affect, cognition and mental health. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160002.	1.8	162
108	Alexithymia: a general deficit of interoception. <i>Royal Society Open Science</i> , 2016, 3, 150664.	1.1	221
109	Multivariate Brain Prediction of Heart Rate and Skin Conductance Responses to Social Threat. <i>Journal of Neuroscience</i> , 2016, 36, 11987-11998.	1.7	81
111	Emotional Dysfunction in Psychopathology and Neuropathology. , 2016, , 345-364.		22
112	Individual Differences in Emotional Reactivity and Academic Achievement: A Psychophysiological Study. <i>Mind, Brain, and Education</i> , 2016, 10, 34-46.	0.9	16

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113	Active interoceptive inference and the emotional brain. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160007.	1.8	508
114	Differential coding of uncertain reward in rat insular and orbitofrontal cortex. <i>Scientific Reports</i> , 2016, 6, 24085.	1.6	15
115	Arousal dynamics drive vocal production in marmoset monkeys. <i>Journal of Neurophysiology</i> , 2016, 116, 753-764.	0.9	58
116	I Keep a Close Watch on This Heart of Mine: Increased Interoception in Insomnia. <i>Sleep</i> , 2016, 39, 2113-2124.	0.6	62
117	Brain Structures Implicated in Inflammation-Associated Depression. <i>Current Topics in Behavioral Neurosciences</i> , 2016, 31, 221-248.	0.8	45
118	Intrinsic connectivity networks from childhood to late adolescence: Effects of age and sex. <i>Developmental Cognitive Neuroscience</i> , 2016, 17, 35-44.	1.9	80
119	A feasibility study exploring the role of pre-operative assessment when examining the mechanism of "chemo-brain"™ in breast cancer patients. <i>SpringerPlus</i> , 2016, 5, 390.	1.2	24
120	Interoceptive awareness changes the posterior insula functional connectivity profile. <i>Brain Structure and Function</i> , 2016, 221, 1555-1571.	1.2	105
121	Acute Changes in Striatal Microstructure Predict the Development of Interferon-Alpha Induced Fatigue. <i>Biological Psychiatry</i> , 2016, 79, 320-328.	0.7	60
122	The Complex Interplay Between Multisensory Integration and Perceptual Awareness. <i>Multisensory Research</i> , 2016, 29, 585-606.	0.6	29
123	From Pavlov to pain: How predictability affects the anticipation and processing of visceral pain in a fear conditioning paradigm. <i>NeuroImage</i> , 2016, 130, 104-114.	2.1	40
124	Circulating tumour necrosis factor is highly correlated with brainstem serotonin transporter availability in humans. <i>Brain, Behavior, and Immunity</i> , 2016, 51, 29-38.	2.0	42
125	Cardio-visual integration modulates the subjective perception of affectively neutral stimuli. <i>International Journal of Psychophysiology</i> , 2016, 99, 10-17.	0.5	11
126	Alterations in functional connectivity of resting state networks during experimental endotoxemia "An exploratory study in healthy men. <i>Brain, Behavior, and Immunity</i> , 2016, 54, 17-26.	2.0	71
127	Threat and the Body: How the Heart Supports Fear Processing. <i>Trends in Cognitive Sciences</i> , 2016, 20, 34-46.	4.0	182
128	Affective resonance in response to others'™ emotional faces varies with affective ratings and psychopathic traits in amygdala and anterior insula. <i>Social Neuroscience</i> , 2016, 11, 140-152.	0.7	45
129	A Neurocomputational Account of How Inflammation Enhances Sensitivity to Punishments Versus Rewards. <i>Biological Psychiatry</i> , 2016, 80, 73-81.	0.7	137
130	Functions of the anterior insula in taste, autonomic, and related functions. <i>Brain and Cognition</i> , 2016, 110, 4-19.	0.8	116

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131	Neural signatures of human fear conditioning: an updated and extended meta-analysis of fMRI studies. <i>Molecular Psychiatry</i> , 2016, 21, 500-508.	4.1	448
132	The role of interoceptive inference in theory of mind. <i>Brain and Cognition</i> , 2017, 112, 64-68.	0.8	100
133	Peripheral and prefrontal stress system markers and risk of relapse in alcoholism. <i>Addiction Biology</i> , 2017, 22, 468-478.	1.4	30
134	The multisensory basis of the self: From body to identity to others. <i>Quarterly Journal of Experimental Psychology</i> , 2017, 70, 597-609.	0.6	244
135	Cardiac afferent activity modulates the expression of racial stereotypes. <i>Nature Communications</i> , 2017, 8, 13854.	5.8	69
136	Interoception and psychopathology: A developmental neuroscience perspective. <i>Developmental Cognitive Neuroscience</i> , 2017, 23, 45-56.	1.9	264
137	Symptoms and the body: Taking the inferential leap. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 74, 185-203.	2.9	323
138	Systemic inflammation and resting state connectivity of the default mode network. <i>Brain, Behavior, and Immunity</i> , 2017, 62, 162-170.	2.0	87
139	Does cribbing behavior in horses vary with dietary taste or direct gastric stimuli?. <i>Applied Animal Behaviour Science</i> , 2017, 189, 36-40.	0.8	7
140	Toll-like receptor signaling and stages of addiction. <i>Psychopharmacology</i> , 2017, 234, 1483-1498.	1.5	124
141	Nutritional status-dependent endocannabinoid signalling regulates the integration of rat visceral information. <i>Journal of Physiology</i> , 2017, 595, 3267-3285.	1.3	3
142	The Cognitive Neuroscience of Placebo Effects: Concepts, Predictions, and Physiology. <i>Annual Review of Neuroscience</i> , 2017, 40, 167-188.	5.0	108
143	Separate neural systems for behavioral change and for emotional responses to failure during behavioral inhibition. <i>Human Brain Mapping</i> , 2017, 38, 3527-3537.	1.9	35
144	Interoception and emotion. <i>Current Opinion in Psychology</i> , 2017, 17, 7-14.	2.5	426
145	Evidence for a large-scale brain system supporting allostasis and interoception in humans. <i>Nature Human Behaviour</i> , 2017, 1, .	6.2	393
146	Cognitive effects of subdiaphragmatic vagal deafferentation in rats. <i>Neurobiology of Learning and Memory</i> , 2017, 142, 190-199.	1.0	19
147	Emotion and the prefrontal cortex: An integrative review.. <i>Psychological Bulletin</i> , 2017, 143, 1033-1081.	5.5	434
148	A role for visceral feedback and interoception in feelings-of-knowing. <i>Consciousness and Cognition</i> , 2017, 53, 70-80.	0.8	6

#	ARTICLE	IF	CITATIONS
149	Brain Autoimmunity and Intestinal Microbiota: 100 Trillion Game Changers. <i>Trends in Immunology</i> , 2017, 38, 483-497.	2.9	85
150	From the body's viscera to the body's image: Is there a link between interoception and body image concerns?. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 77, 237-246.	2.9	107
151	Expanding the scope of learning analytics data. , 2017, , .		17
152	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
153	The inner world of overactive monitoring: neural markers of interoception in obsessive-compulsive disorder. <i>Psychological Medicine</i> , 2017, 47, 1957-1970.	2.7	65
154	Cardiovascular and autonomic reactivity to psychological stress: Neurophysiological substrates and links to cardiovascular disease. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 207, 2-9.	1.4	99
155	Psychological and neural mechanisms associated with effort-related cardiovascular reactivity and cognitive control: An integrative approach. <i>International Journal of Psychophysiology</i> , 2017, 119, 11-18.	0.5	21
156	Gestational diabetes alters the fetal heart rate variability during an oral glucose tolerance test: a fetal magnetocardiography study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2017, 124, 1891-1898.	1.1	31
157	Convergence of interoception, emotion, and social cognition: A twofold fMRI meta-analysis and lesion approach. <i>Cortex</i> , 2017, 88, 124-142.	1.1	155
158	Saliency Network Connectivity Modulates Skin Conductance Responses in Predicting Arousal Experience. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 827-836.	1.1	17
159	Understanding Anxiety in Borderline Personality Disorder. <i>Current Treatment Options in Psychiatry</i> , 2017, 4, 281-294.	0.7	2
160	A Brain Phenotype for Stressor-Evoked Blood Pressure Reactivity. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	53
161	Acute fall and long-term rise in oxygen saturation in response to meditation. <i>Psychophysiology</i> , 2017, 54, 1951-1966.	1.2	9
162	Brain-heart interactions reveal consciousness in noncommunicating patients. <i>Annals of Neurology</i> , 2017, 82, 578-591.	2.8	76
163	Neural correlates of interoception: Effects of interoceptive focus and relationship to dimensional measures of body awareness. <i>Human Brain Mapping</i> , 2017, 38, 6068-6082.	1.9	63
164	Evolution of the Emotional Brain. , 2017, , 251-272.		29
165	Autonomic responses to tonic pain are more closely related to stimulus intensity than to pain intensity. <i>Pain</i> , 2017, 158, 2129-2136.	2.0	48
166	Computational Psychosomatics and Computational Psychiatry: Toward a Joint Framework for Differential Diagnosis. <i>Biological Psychiatry</i> , 2017, 82, 421-430.	0.7	131

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167	Pilot investigation into the sickness response to influenza vaccination in adults: Effect of depression and anxiety. <i>General Hospital Psychiatry</i> , 2017, 48, 56-61.	1.2	10
168	Anomalous baroreflex functionality inherent in floxed and Cre-Lox mice: an overlooked physiological phenotype. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H700-H707.	1.5	5
169	Strong Inference in Psychophysiological Science. , 0, , 3-15.		11
170	From Homeostasis to Allodynamic Regulation. , 0, , 401-426.		3
171	The Interoceptive System: Implications for Cognition, Emotion, and Health. , 0, , 427-443.		5
172	People with higher interoceptive sensitivity are more altruistic, but improving interoception does not increase altruism. <i>Scientific Reports</i> , 2017, 7, 15652.	1.6	24
173	The neural bases of ictal tachycardia in temporal lobe seizures. <i>Clinical Neurophysiology</i> , 2017, 128, 1810-1819.	0.7	22
174	The PhysIO Toolbox for Modeling Physiological Noise in fMRI Data. <i>Journal of Neuroscience Methods</i> , 2017, 276, 56-72.	1.3	289
175	Bodily Contributions to Emotion: Schachter's Legacy for a Psychological Constructionist View on Emotion. <i>Emotion Review</i> , 2017, 9, 36-45.	2.1	29
176	Interoception and gender: What aspects should we pay attention to?. <i>Consciousness and Cognition</i> , 2017, 48, 129-137.	0.8	90
177	Effect of Electrical Stimulation of the Nucleus of the Solitary Tract on Electroencephalographic Spectral Power and the Sleep-Wake Cycle in Freely Moving Cats. <i>Brain Stimulation</i> , 2017, 10, 116-125.	0.7	7
178	Phase-amplitude coupling at the organism level: The amplitude of spontaneous alpha rhythm fluctuations varies with the phase of the infra-slow gastric basal rhythm. <i>NeuroImage</i> , 2017, 146, 951-958.	2.1	102
179	Saliency network connectivity in the insula is associated with individual differences in interoceptive accuracy. <i>Brain Structure and Function</i> , 2017, 222, 1635-1644.	1.2	76
180	Art reception as an <i>interoceptive</i> embodied predictive experience. <i>Behavioral and Brain Sciences</i> , 2017, 40, e350.	0.4	4
181	Limbic Structures, Emotion, and Memory. , 2017, , .		7
182	Mechanisms of Mind-Body Interaction and Optimal Performance. <i>Frontiers in Psychology</i> , 2017, 8, 647.	1.1	13
183	Prefrontal Contributions to Reward Encoding†. , 2017, , .		0
184	Altered Behavioral and Autonomic Pain Responses in Alzheimer's Disease Are Associated with Dysfunctional Affective, Self-Reflective and Saliency Network Resting-State Connectivity. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 297.	1.7	17

#	ARTICLE	IF	CITATIONS
185	Autonomic Function Impairment and Brain Perfusion Deficit in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2017, 8, 246.	1.1	21
186	Impaired Interoceptive Accuracy in Semantic Variant Primary Progressive Aphasia. <i>Frontiers in Neurology</i> , 2017, 8, 610.	1.1	32
187	A Somatic Movement Approach to Fostering Emotional Resiliency through Laban Movement Analysis. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 410.	1.0	21
188	Emotion and the Autonomic Nervous System—A Two-Way Street: Insights From Affective, Autonomic and Dissociative Disorders. , 2017, , .		8
189	Brief relaxation training is not sufficient to alter tolerance to experimental pain in novices. <i>PLoS ONE</i> , 2017, 12, e0177228.	1.1	12
190	The Acute Effects of Aerobic Exercise on the Functional Connectivity of Human Brain Networks. <i>Brain Plasticity</i> , 2017, 2, 171-190.	1.9	88
191	Perceived fatigue and energy are independent unipolar states: Supporting evidence. <i>Medical Hypotheses</i> , 2018, 113, 46-51.	0.8	57
192	Altruism from the Perspective of the Social Neurosciences. <i>E-Neuroforum</i> , 2018, 24, A11-A18.	0.2	4
193	Altruismus aus Sicht der Sozialen Neurowissenschaften. <i>E-Neuroforum</i> , 2018, 24, 15-24.	0.2	1
194	Cardiac responses to viewing facial emotion differentiate frontotemporal dementias. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 687-696.	1.7	23
195	Insula mediates heartbeat related effects on visual consciousness. <i>Cortex</i> , 2018, 101, 87-95.	1.1	28
196	Diversity of Internal Sensory Neuron Axon Projection Patterns Is Controlled by the POU-Domain Protein Pdm3 in <i>Drosophila</i> Larvae. <i>Journal of Neuroscience</i> , 2018, 38, 2081-2093.	1.7	15
197	Error-related cardiac response as information for visibility judgements. <i>Scientific Reports</i> , 2018, 8, 1131.	1.6	20
198	Fatigue Is Associated With Altered Monitoring and Preparation of Physical Effort in Patients With Chronic Fatigue Syndrome. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 392-404.	1.1	11
199	Self-regulation and aggressive antisocial behaviour: insights from amygdala-prefrontal and heart-brain interactions. <i>Psychology, Crime and Law</i> , 2018, 24, 243-257.	0.8	29
200	Forensic neuroscience: problems and promises. <i>Psychology, Crime and Law</i> , 2018, 24, 352-360.	0.8	1
201	Multilevel convergence of interoceptive impairments in hypertension: New evidence of disrupted body-brain interactions. <i>Human Brain Mapping</i> , 2018, 39, 1563-1581.	1.9	40
202	Interoception and Inflammation in Psychiatric Disorders. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 514-524.	1.1	61

#	ARTICLE	IF	CITATIONS
203	Interoception and Mental Health: A Roadmap. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 501-513.	1.1	524
204	Epileptic Seizures are Reduced by Autonomic Biofeedback Therapy Through Enhancement of Fronto-limbic Connectivity: A Controlled Trial and Neuroimaging Study. <i>EBioMedicine</i> , 2018, 27, 112-122.	2.7	30
205	Neuropathology of autonomic dysfunction in synucleinopathies. <i>Movement Disorders</i> , 2018, 33, 349-358.	2.2	144
206	The Translational Value of Psychophysiology Methods and Mechanisms: Multilevel, Dynamic, Personalized. <i>Journal of Studies on Alcohol and Drugs</i> , 2018, 79, 229-238.	0.6	20
207	Von Economo Neurons and Fork Cells: A Neurochemical Signature Linked to Monoaminergic Function. <i>Cerebral Cortex</i> , 2018, 28, 131-144.	1.6	38
208	From cognitivism to autopoiesis: towards a computational framework for the embodied mind. <i>Synthese</i> , 2018, 195, 2459-2482.	0.6	218
209	Neural Sources and Underlying Mechanisms of Neural Responses to Heartbeats, and their Role in Bodily Self-consciousness: An Intracranial EEG Study. <i>Cerebral Cortex</i> , 2018, 28, 2351-2364.	1.6	112
210	The Insular Cortex Dynamically Maps Changes in Cardiorespiratory Interoception. <i>Neuropsychopharmacology</i> , 2018, 43, 426-434.	2.8	82
211	Afferent cardiac signals modulate attentional engagement to low spatial frequency fearful faces. <i>Cortex</i> , 2018, 104, 232-240.	1.1	28
212	Systemic Inflammation and Multimodal Biomarkers in Amnesic Mild Cognitive Impairment and Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2018, 55, 5689-5697.	1.9	36
213	Morphology of subcortical brain nuclei is associated with autonomic function in healthy humans. <i>Human Brain Mapping</i> , 2018, 39, 381-392.	1.9	15
214	Nicotine Abstinence Influences the Calculation of Salience in Discrete Insular Circuits. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 150-159.	1.1	41
215	Oxytocin Modulates Attention Switching Between Interoceptive Signals and External Social Cues. <i>Neuropsychopharmacology</i> , 2018, 43, 294-301.	2.8	83
216	The influence of physiological signals on cognition. <i>Current Opinion in Behavioral Sciences</i> , 2018, 19, 13-18.	2.0	106
217	Linear and nonlinear parameters of heart rate variability in ischemic stroke patients. <i>Neurologia i Neurochirurgia Polska</i> , 2018, 52, 194-206.	0.6	28
218	Interoceptive accuracy and body awareness – Temporal and longitudinal associations in a non-clinical sample. <i>Physiology and Behavior</i> , 2018, 184, 100-107.	1.0	56
219	Sex, Sleep Deprivation, and the Anxious Brain. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 565-578.	1.1	38
220	A pilot resting-state functional connectivity study of the kynurenine pathway in adolescents with depression and healthy controls. <i>Journal of Affective Disorders</i> , 2018, 227, 752-758.	2.0	21

#	ARTICLE	IF	CITATIONS
221	Assessing body awareness and autonomic reactivity: Factor structure and psychometric properties of the Body Perception Questionnaireâ€”Short Form (BPQâ€”SF). <i>International Journal of Methods in Psychiatric Research</i> , 2018, 27, e1596.	1.1	109
222	Complex Role of Hypnotizability in the Cognitive Control of Pain. <i>Frontiers in Psychology</i> , 2018, 9, 2272.	1.1	9
223	Insula as the Interface Between Body Awareness and Movement: A Neurofeedback-Guided Kinesthetic Motor Imagery Study in Parkinsonâ€™s Disease. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 496.	1.0	26
224	The Microbiome: A New Target for Research and Treatment of Schizophrenia and its Resistant Presentations? A Systematic Literature Search and Review. <i>Frontiers in Pharmacology</i> , 2018, 9, 1040.	1.6	33
225	Face perception enhances insula and motor network reactivity in Tourette syndrome. <i>Brain</i> , 2018, 141, 3249-3261.	3.7	32
226	Neural Mechanisms Linking Emotion with Cardiovascular Disease. <i>Current Cardiology Reports</i> , 2018, 20, 128.	1.3	43
227	Subjective embodiment during the rubber hand illusion predicts severity of premonitory sensations and tics in Tourette Syndrome. <i>Consciousness and Cognition</i> , 2018, 65, 368-377.	0.8	4
228	Does the body give the brain an attentional boost? Examining the relationship between attentional and cardiac gating. <i>Biological Psychology</i> , 2018, 139, 124-130.	1.1	6
229	Network Architecture Underlying Basal Autonomic Outflow: Evidence from Frontotemporal Dementia. <i>Journal of Neuroscience</i> , 2018, 38, 8943-8955.	1.7	66
230	Respiratory modulation of cognitive performance during the retrieval process. <i>PLoS ONE</i> , 2018, 13, e0204021.	1.1	57
231	Lateralized Brainstem and Cervical Spinal Cord Responses to Aversive Sounds: A Spinal fMRI Study. <i>Brain Sciences</i> , 2018, 8, 165.	1.1	2
232	The Motivation of Action and the Origins of Reward. , 2018, , 429-455.		1
233	Preliminary report: parasympathetic tone links to functional brain networks during the anticipation and experience of visceral pain. <i>Scientific Reports</i> , 2018, 8, 13410.	1.6	16
234	Valence processing differs across stimulus modalities. <i>NeuroImage</i> , 2018, 183, 734-744.	2.1	7
235	The Free-energy Principle: A Unified Theory of Brain Functions. <i>The Brain & Neural Networks</i> , 2018, 25, 123-134.	0.1	1
236	Is alexithymia characterised by impaired interoception? Further evidence, the importance of control variables, and the problems with the Heartbeat Counting Task. <i>Biological Psychology</i> , 2018, 136, 189-197.	1.1	124
237	When Ownership and Agency Collide: The Phenomenology of Limb-Disownership. , 2018, , 53-79.		0
238	Cortical hypoactivation during resting EEG suggests central nervous system pathology in patients with chronic fatigue syndrome. <i>Biological Psychology</i> , 2018, 136, 87-99.	1.1	22

#	ARTICLE	IF	CITATIONS
239	How the stomach and the brain work together at rest. <i>ELife</i> , 2018, 7, .	2.8	7
240	The neurobiology of interoception in health and disease. <i>Annals of the New York Academy of Sciences</i> , 2018, 1428, 112-128.	1.8	230
241	Brain Processing of Gastrointestinal Sensory Signaling. , 2018, , 373-385.		1
242	Stomach-brain synchrony reveals a novel, delayed-connectivity resting-state network in humans. <i>ELife</i> , 2018, 7, .	2.8	141
243	Vagal Interoceptive Modulation of Motivated Behavior. <i>Physiology</i> , 2018, 33, 151-167.	1.6	65
244	An Appraisal-Driven Componential Approach to the Emotional Brain. <i>Emotion Review</i> , 2018, 10, 219-231.	2.1	68
246	Low back pain and gastroesophageal reflux in patients with COPD: the disease in the breath. <i>International Journal of COPD</i> , 2018, Volume 13, 325-334.	0.9	29
247	Functional neuroanatomy of peripheral inflammatory physiology: A meta-analysis of human neuroimaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 94, 76-92.	2.9	113
248	Neurocognitive Mechanisms of Social Anxiety and Interoception. , 2018, , 113-120.		1
249	Altered neural signatures of interoception in multiple sclerosis. <i>Human Brain Mapping</i> , 2018, 39, 4743-4754.	1.9	51
250	Coverage of Emotion Recognition for Common Wearable Biosensors. <i>Biosensors</i> , 2018, 8, 30.	2.3	51
251	The effects of breathing at a frequency of 0.1 Hz on affective state, the cardiovascular system, and adequacy of ventilation. <i>Psychophysiology</i> , 2018, 55, e13221.	1.2	15
252	Affective neuroscience of self-generated thought. <i>Annals of the New York Academy of Sciences</i> , 2018, 1426, 25-51.	1.8	60
253	The neural basis of motivational influences on cognitive control. <i>Human Brain Mapping</i> , 2018, 39, 5097-5111.	1.9	47
254	Sleep quality and its association with the insular cortex in emotional empathy. <i>European Journal of Neuroscience</i> , 2018, 48, 2288-2300.	1.2	28
255	Learning by heart: cardiac cycle reveals an effective time window for learning. <i>Journal of Neurophysiology</i> , 2018, 120, 830-838.	0.9	13
256	Bodily self-consciousness and its disorders. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 151, 313-330.	1.0	20
257	Response inhibition on the stop signal task improves during cardiac contraction. <i>Scientific Reports</i> , 2018, 8, 9136.	1.6	38

#	ARTICLE	IF	CITATIONS
258	Anti-TNF \pm therapy in IBD alters brain activity reflecting visceral sensory function and cognitive-affective biases. PLoS ONE, 2018, 13, e0193542.	1.1	42
259	Interoception: the forgotten modality in perceptual grounding of abstract and concrete concepts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170143.	1.8	92
260	Efficacy of Systolic Extinction Training in Fibromyalgia Patients With Elevated Blood Pressure Response to Stress: A Tailored Randomized Controlled Trial. Arthritis Care and Research, 2019, 71, 678-688.	1.5	5
261	Functional Subdivisions of Magnocellular Cell Groups in Human Basal Forebrain: Testâ€“Retest Resting-State Study at Ultra-high Field, and Meta-analysis. Cerebral Cortex, 2019, 29, 2844-2858.	1.6	22
262	High-dose ondansetron reduces activation of interoceptive and sensorimotor brain regions. Neuropsychopharmacology, 2019, 44, 390-398.	2.8	19
263	Abnormal venous postural control: multiple sclerosis-specific change related to gray matter pathology or age-related neurodegenerative phenomena?. Clinical Autonomic Research, 2019, 29, 329-338.	1.4	6
264	Prediction-based neural mechanisms for shielding the self from existential threat. NeuroImage, 2019, 202, 116080.	2.1	13
265	Exercise-Induced Changes of Multimodal Interactions Within the Autonomic Nervous Network. Frontiers in Physiology, 2019, 10, 240.	1.3	15
266	Opposite environmental gating of the experienced utility (â€“likingâ€™) and decision utility (â€“wantingâ€™) of heroin versus cocaine in animals and humans: implications for computational neuroscience. Psychopharmacology, 2019, 236, 2451-2471.	1.5	9
267	Dynamics and diversity of heart rate responses to a disaster motion picture. International Journal of Psychophysiology, 2019, 143, 64-79.	0.5	20
268	Alteration of coupling between brain and heart induced by sedation with propofol and midazolam. PLoS ONE, 2019, 14, e0219238.	1.1	6
269	Working With the Predictable Life of Patients: The Importance of â€œMentalizing Interoceptionâ€“to Meaningful Change in Psychotherapy. Frontiers in Psychology, 2019, 10, 2173.	1.1	13
270	Enhancing human emotions with interoceptive technologies. Physics of Life Reviews, 2019, 31, 310-319.	1.5	22
272	The cingulate cortex and limbic systems for action, emotion, and memory. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 166, 23-37.	1.0	102
273	Midcingulate somatomotor and autonomic functions. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 166, 53-71.	1.0	13
274	Cingulate-centered large-scale networks: Normal functions, aging, and neurodegenerative disease. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 166, 113-127.	1.0	16
275	Gender- and Age-Specific Differences in Resting-State Functional Connectivity of the Central Autonomic Network in Adulthood. Frontiers in Human Neuroscience, 2019, 13, 369.	1.0	24
276	Fatigue in inflammatory rheumatic disorders: pathophysiological mechanisms. Rheumatology, 2019, 58, v35-v50.	0.9	33

#	ARTICLE	IF	CITATIONS
277	Cardiac cycle modulates reward feedback processing: An ERP study. <i>Neuroscience Letters</i> , 2019, 711, 134473.	1.0	8
278	Insular cortex. <i>Neurology</i> , 2019, 93, 932-938.	1.5	64
279	Heart Rate Variability reveals the fight between racially biased and politically correct behaviour. <i>Scientific Reports</i> , 2019, 9, 11532.	1.6	4
280	The cingulate cortex and limbic systems for emotion, action, and memory. <i>Brain Structure and Function</i> , 2019, 224, 3001-3018.	1.2	402
281	Psychoanalysis and Neuroscience: The Bridge Between Mind and Brain. <i>Frontiers in Psychology</i> , 2019, 10, 1790.	1.1	33
282	Retrospectively reported childhood physical abuse, systemic inflammation, and resting corticolimbic connectivity in midlife adults. <i>Brain, Behavior, and Immunity</i> , 2019, 82, 203-213.	2.0	34
283	Transcutaneous vagus nerve stimulation improves interoceptive accuracy. <i>Neuropsychologia</i> , 2019, 134, 107201.	0.7	36
284	Altered Central Autonomic Network in Baseball Players: A Resting-state fMRI Study. <i>Scientific Reports</i> , 2019, 9, 110.	1.6	12
285	Damage to the right temporoparietal junction, but not lateral prefrontal or insular cortex, amplifies the role of goal-directed attention. <i>Scientific Reports</i> , 2019, 9, 306.	1.6	15
286	Pathophysiological and cognitive mechanisms of fatigue in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 642-651.	0.9	186
287	The Pain of Sleep Loss: A Brain Characterization in Humans. <i>Journal of Neuroscience</i> , 2019, 39, 2291-2300.	1.7	111
288	Remembering in the Context of Internal States: The Role of Sleep for Infant Memory. <i>Child Development Perspectives</i> , 2019, 13, 110-115.	2.1	43
289	Association of peripheral blood pressure with gray matter volume in 19- to 40-year-old adults. <i>Neurology</i> , 2019, 92, e758-e773.	1.5	42
290	Physiological feelings. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 103, 267-304.	2.9	121
291	<p>>Cardiac dysautonomia in depression â€“ heart rate variability biofeedback as a potential add-on therapy</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 1287-1310.	1.0	38
292	Altered intrinsic brain activity associated with outcome in frontal lobe epilepsy. <i>Scientific Reports</i> , 2019, 9, 8989.	1.6	10
293	Naturalistic Stimuli in Neuroscience: Critically Acclaimed. <i>Trends in Cognitive Sciences</i> , 2019, 23, 699-714.	4.0	322
294	Anterior insular cortex stimulation and its effects on emotion recognition. <i>Brain Structure and Function</i> , 2019, 224, 2167-2181.	1.2	23

#	ARTICLE	IF	CITATIONS
295	An insular view of the social decision-making network. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 103, 119-132.	2.9	64
296	Transcutaneous Vagus Nerve Stimulation Affects Implicit Spiritual Self-Representations. <i>Neuroscience</i> , 2019, 412, 144-159.	1.1	13
297	Single-Cell Glia and Neuron Gene Expression in the Central Amygdala in Opioid Withdrawal Suggests Inflammation With Correlated Gut Dysbiosis. <i>Frontiers in Neuroscience</i> , 2019, 13, 665.	1.4	43
298	Enhanced insular/prefrontal connectivity when resisting from emotional distraction during visual search. <i>Brain Structure and Function</i> , 2019, 224, 2009-2026.	1.2	12
299	Peripheral multimodal monitoring of ANS changes related to epilepsy. <i>Epilepsy and Behavior</i> , 2019, 96, 69-79.	0.9	12
300	Abdominal vagal deafferentation alters affective behaviors in rats. <i>Journal of Affective Disorders</i> , 2019, 252, 404-412.	2.0	13
301	Head, Heart, and Gut in Decision Making: Development of a Multiple Brain Preference Questionnaire. <i>SAGE Open</i> , 2019, 9, 215824401983743.	0.8	12
302	Visceral Signals Shape Brain Dynamics and Cognition. <i>Trends in Cognitive Sciences</i> , 2019, 23, 488-509.	4.0	238
303	Heartbeat-evoked cortical responses: Underlying mechanisms, functional roles, and methodological considerations. <i>NeuroImage</i> , 2019, 197, 502-511.	2.1	125
304	Cardiac afferent activity modulates early neural signature of error detection during skilled performance. <i>NeuroImage</i> , 2019, 199, 704-717.	2.1	8
305	Seeing myself through my heart: Cortical processing of a single heartbeat speeds up self-face recognition. <i>Biological Psychology</i> , 2019, 144, 64-73.	1.1	14
306	The association of health-related quality of life and cerebral gray matter volume in the context of aging: A voxel-based morphometry study with a general population sample. <i>NeuroImage</i> , 2019, 191, 470-480.	2.1	18
307	Predicting the consequences of physical activity: An investigation into the relationship between anxiety sensitivity, interoceptive accuracy and action. <i>PLoS ONE</i> , 2019, 14, e0210853.	1.1	11
308	Interoceptive awareness is associated with acute alcohol-induced changes in subjective effects. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 181, 69-76.	1.3	15
309	Traumatic stress and the autonomic brain-gut connection in development: Polyvagal Theory as an integrative framework for psychosocial and gastrointestinal pathology. <i>Developmental Psychobiology</i> , 2019, 61, 796-809.	0.9	50
310	The role of microbiota and inflammation in self-judgement and empathy: implications for understanding the brain-gut-microbiome axis in depression. <i>Psychopharmacology</i> , 2019, 236, 1459-1470.	1.5	64
311	Coupling Inner and Outer Body for Self-Consciousness. <i>Trends in Cognitive Sciences</i> , 2019, 23, 377-388.	4.0	146
312	How the insula speaks to the heart: Cardiac responses to insular stimulation in humans. <i>Human Brain Mapping</i> , 2019, 40, 2611-2622.	1.9	90

#	ARTICLE	IF	CITATIONS
313	An Interoceptive Walk Down Wall Street. , 2019, , 149-165.		0
314	Neuroscience in service research: an overview and discussion of its possibilities. Journal of Service Management, 2019, 30, 621-649.	4.4	33
315	Notice of Violation of IEEE Publication Principles: Influence of Emotions in Shaping Decisions. , 2019, , .		0
316	Brain Functional Connectivity in Patients With Somatic Symptom Disorder. Psychosomatic Medicine, 2019, 81, 313-318.	1.3	28
317	The frontal cortex is a heart-brake: Reduction in delta oscillations is associated with heart rate deceleration. NeuroImage, 2019, 188, 403-410.	2.1	38
318	Dimensions of interoception predict premonitory urges and tic severity in Tourette syndrome. Psychiatry Research, 2019, 271, 469-475.	1.7	37
319	Early-childhood social reticence predicts SCR-BOLD coupling during fear extinction recall in preadolescent youth. Developmental Cognitive Neuroscience, 2019, 36, 100605.	1.9	22
320	Functional neural mechanisms of sensory phenomena in obsessive-compulsive disorder. Journal of Psychiatric Research, 2019, 109, 68-75.	1.5	31
321	The Default Mode Network Mediates the Impact of Infant Regulatory Problems on Adult Avoidant Personality Traits. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 333-342.	1.1	10
322	Functional brain networks and neuroanatomy underpinning nausea severity can predict nausea susceptibility using machine learning. Journal of Physiology, 2019, 597, 1517-1529.	1.3	14
323	Computerized Exposure Therapy for Spider Phobia: Effects of Cardiac Timing and Interoceptive Ability on Subjective and Behavioral Outcomes. Psychosomatic Medicine, 2019, 81, 90-99.	1.3	12
324	Active information sampling varies across the cardiac cycle. Psychophysiology, 2019, 56, e13322.	1.2	37
325	Heart rate modulations reveal attention and consciousness interactions. Psychophysiology, 2019, 56, e13295.	1.2	14
326	The orbitofrontal cortex and emotion in health and disease, including depression. Neuropsychologia, 2019, 128, 14-43.	0.7	206
327	Autism spectrum disorder and interoception: Abnormalities in global integration?. Autism, 2019, 23, 212-222.	2.4	32
328	Interoception sensitivity in the parental brain during the first months of parenting modulates children's somatic symptoms six years later: The role of oxytocin. International Journal of Psychophysiology, 2019, 136, 39-48.	0.5	23
329	Human amygdala stimulation effects on emotion physiology and emotional experience. Neuropsychologia, 2020, 145, 106722.	0.7	72
330	You are who you eat: individual differences in the structure of social cognition. Psychological Research, 2020, 84, 1139-1156.	1.0	18

#	ARTICLE	IF	CITATIONS
331	Female Self-Empowerment through Dance. <i>Journal of Dance Education</i> , 2020, 20, 35-43.	0.2	3
332	Changes of the postcentral cortex in irritable bowel syndrome patients. <i>Brain Imaging and Behavior</i> , 2020, 14, 1566-1576.	1.1	13
333	Emotional distress, brain functioning, and biobehavioral processes in cancer patients: a neuroimaging review and future directions. <i>CNS Spectrums</i> , 2020, 25, 79-100.	0.7	18
334	Appetite changes reveal depression subgroups with distinct endocrine, metabolic, and immune states. <i>Molecular Psychiatry</i> , 2020, 25, 1457-1468.	4.1	95
335	Multimodal approach towards understanding the changes in the autonomic nervous system induced by an ultramarathon. <i>Research in Sports Medicine</i> , 2020, 28, 231-240.	0.7	3
336	Testing the independence of self-reported interoceptive accuracy and attention. <i>Quarterly Journal of Experimental Psychology</i> , 2020, 73, 115-133.	0.6	91
337	Revisiting the physiology of nausea and vomiting—challenging the paradigm. <i>Supportive Care in Cancer</i> , 2020, 28, 13-21.	1.0	30
338	Dissociation in How Core Autism Features Relate to Interoceptive Dimensions: Evidence from Cardiac Awareness in Children. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 572-582.	1.7	18
339	Building the bodily self-awareness: Evidence for the convergence between interoceptive and exteroceptive information in a multilevel kernel density analysis study. <i>Human Brain Mapping</i> , 2020, 41, 401-418.	1.9	51
340	Interoception relates to sleep and sleep disorders. <i>Current Opinion in Behavioral Sciences</i> , 2020, 33, 1-7.	2.0	24
341	Accuracy of reproduction of physical training load is not associated with resting heartbeat perception in healthy individuals. <i>Biological Psychology</i> , 2020, 150, 107831.	1.1	16
342	The “embodiment” illusion highlights the role of breathing in corporeal awareness. <i>Journal of Neurophysiology</i> , 2020, 123, 420-427.	0.9	50
343	State and trait characteristics of anterior insula time-varying functional connectivity. <i>NeuroImage</i> , 2020, 208, 116425.	2.1	17
344	The connection between microbiome and schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 712-731.	2.9	50
345	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
346	Active sampling in visual search is coupled to the cardiac cycle. <i>Cognition</i> , 2020, 196, 104149.	1.1	61
347	Towards a comparative science of emotion: Affect and consciousness in humans and animals. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 749-770.	2.9	69
348	Skipping a Beat: Heartbeat-Evoked Potentials Reflect Predictions during Interoceptive-Exteroceptive Integration. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa060.	0.7	18

#	ARTICLE	IF	CITATIONS
349	Dimensions of interoception in obsessive-compulsive disorder. <i>Journal of Obsessive-Compulsive and Related Disorders</i> , 2020, 27, 100584.	0.7	8
350	Cardiac cycle gated cognitive-emotional control in superior frontal cortices. <i>NeuroImage</i> , 2020, 222, 117275.	2.1	20
351	Supraspinal Mechanisms of Intestinal Hypersensitivity. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 389-417.	1.7	12
352	One season of head-to-ball impact exposure alters functional connectivity in a central autonomic network. <i>NeuroImage</i> , 2020, 223, 117306.	2.1	11
353	Movie viewing elicits rich and reliable brain state dynamics. <i>Nature Communications</i> , 2020, 11, 5004.	5.8	93
354	Dynamic neurocognitive changes in interoception after heart transplant. <i>Brain Communications</i> , 2020, 2, fcaa095.	1.5	23
355	Immune dysregulation in depression: Evidence from genome-wide association. <i>Brain, Behavior, & Immunity - Health</i> , 2020, 7, 100108.	1.3	10
356	Rapid Rule-Based Reward Reversal and the Lateral Orbitofrontal Cortex. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa087.	0.7	38
357	Enactive Pragmatism and Ecological Psychology. <i>Frontiers in Psychology</i> , 2020, 11, 538644.	1.1	15
358	Physiological synchrony is associated with cooperative success in real-life interactions. <i>Scientific Reports</i> , 2020, 10, 19609.	1.6	27
359	Vagus Nerve Stimulation as a Gateway to Interoception. <i>Frontiers in Psychology</i> , 2020, 11, 1659.	1.1	22
360	Heart-brain interactions during social and cognitive stress in hypertensive disease: A multidimensional approach. <i>European Journal of Neuroscience</i> , 2022, 55, 2836-2850.	1.2	8
361	Feeling in Control: The Role of Cardiac Timing in the Sense of Agency. <i>Affective Science</i> , 2020, 1, 155-171.	1.5	16
362	Multicentric evidence of emotional impairments in hypertensive heart disease. <i>Scientific Reports</i> , 2020, 10, 14131.	1.6	11
363	Unique Molecular Characteristics of Visceral Afferents Arising from Different Levels of the Neuraxis: Location of Afferent Somata Predicts Function and Stimulus Detection Modalities. <i>Journal of Neuroscience</i> , 2020, 40, 7216-7228.	1.7	32
364	Methodological Considerations on EEG Electrical Reference: A Functional Brain-Heart Interplay Study. , 2020, 2020, 553-556.		4
365	Respiratory Rhythm, Autonomic Modulation, and the Spectrum of Emotions: The Future of Emotion Recognition and Modulation. <i>Frontiers in Psychology</i> , 2020, 11, 1980.	1.1	36
366	Wilding the predictive brain. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2020, 11, e1542.	1.4	28

#	ARTICLE	IF	CITATIONS
369	Disordered Social Cognition. , 2020, , 436-448.		0
370	Behavioral and neurophysiological evidence for altered interoceptive bodily processing in chronic pain. <i>NeuroImage</i> , 2020, 217, 116902.	2.1	17
371	Understanding heterosexual womenâ€™s erotic flexibility: the role of attention in sexual evaluations and neural responses to sexual stimuli. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 447-465.	1.5	6
372	Multiple areas of the cerebral cortex influence the stomach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13078-13083.	3.3	63
373	Autistic traits moderate relations between cardiac autonomic activity, interoceptive accuracy, and emotion processing in college students. <i>International Journal of Psychophysiology</i> , 2020, 155, 118-126.	0.5	7
374	Dyslexia as an adaptation to cortico-limbic stress system reactivity. <i>Neurobiology of Stress</i> , 2020, 12, 100223.	1.9	12
375	Association of hypnotizability and deep sleep: any role for interoceptive sensibility?. <i>Experimental Brain Research</i> , 2020, 238, 1937-1943.	0.7	4
376	Saliency Network Atrophy Links Neuron Type-Specific Pathobiology to Loss of Empathy in Frontotemporal Dementia. <i>Cerebral Cortex</i> , 2020, 30, 5387-5399.	1.6	37
377	Insular Cell Integrity Markers Linked to Weight Concern in Anorexia Nervosaâ€™ An MR-Spectroscopy Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1292.	1.0	14
378	Directional Interactions Between Constituents of the Human Large-Scale Thermoregulatory Network. <i>Brain Topography</i> , 2020, 33, 489-503.	0.8	11
379	Impact of cardiac interoception cues and confidence on voluntary decisions to make or withhold action in an intentional inhibition task. <i>Scientific Reports</i> , 2020, 10, 4184.	1.6	22
380	Timing of Modulation of Corticospinal Excitability by Heartbeat Differs with Interoceptive Accuracy. <i>Neuroscience</i> , 2020, 433, 156-162.	1.1	1
381	Effects of interoceptive training on decision making, anxiety, and somatic symptoms. <i>BioPsychoSocial Medicine</i> , 2020, 14, 7.	0.9	22
382	Disentangling sensorimotor and cognitive cardioafferent effects: A cardiac-cycle-time study on spatial stimulus-response compatibility. <i>Scientific Reports</i> , 2020, 10, 4059.	1.6	8
384	Interoceptive Insular Cortex Mediates Both Innate Fear and Contextual Threat Conditioning to Predator Odor. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 283.	1.0	16
385	Estimation of Current and Future Physiological States in Insular Cortex. <i>Neuron</i> , 2020, 105, 1094-1111.e10.	3.8	142
386	The buildup of an urge in obsessiveâ€™ compulsive disorder: Behavioral and neuroimaging correlates. <i>Human Brain Mapping</i> , 2020, 41, 1611-1625.	1.9	11
387	The anterior insular cortex unilaterally controls feeding in response to aversive visceral stimuli in mice. <i>Nature Communications</i> , 2020, 11, 640.	5.8	42

#	ARTICLE	IF	CITATIONS
388	Autonomic Cardiac Reactivity to Painful Procedures Under Hypnosis in Pediatric Emergencies: A Feasibility Study. <i>American Journal of Clinical Hypnosis</i> , 2020, 62, 267-281.	0.3	1
389	From allostatic agents to counterfactual cognisers: active inference, biological regulation, and the origins of cognition. <i>Biology and Philosophy</i> , 2020, 35, 1.	0.7	70
390	Maximising the potential of neuroimmunology. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 189-192.	2.0	7
391	Facial-expression recognition: An emergent approach to the measurement of tourist satisfaction through emotions. <i>Telematics and Informatics</i> , 2020, 51, 101404.	3.5	56
392	Sleep Loss and the Socio-Emotional Brain. <i>Trends in Cognitive Sciences</i> , 2020, 24, 435-450.	4.0	102
393	Stability or Plasticity? â€œ A Hierarchical Allostatic Regulation Model of Medial Prefrontal Cortex Function for Social Valuation. <i>Frontiers in Neuroscience</i> , 2020, 14, 281.	1.4	14
394	Mild Inflammation in Healthy Males Induces Fatigue Mediated by Changes in Effective Connectivity Within the Insula. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 865-874.	1.1	4
395	Subacute effects of the psychedelic ayahuasca on the salience and default mode networks. <i>Journal of Psychopharmacology</i> , 2020, 34, 623-635.	2.0	52
396	Trust trumps comprehension, visceral factors trump all: A psychological cascade constraining informed consent to clinical trials: A qualitative study with stable patients. <i>Research Ethics</i> , 2021, 17, 87-102.	0.8	5
397	Structural covariance of the salience network associated with heart rate variability. <i>Brain Imaging and Behavior</i> , 2021, 15, 896-905.	1.1	1
398	Bodies in mind: using peripheral psychophysiology to probe emotional and social processes. <i>Journal of the Royal Society of New Zealand</i> , 2021, 51, 171-185.	1.0	3
399	Supramodal neural networks support topâ€“down processing of social signals. <i>Human Brain Mapping</i> , 2021, 42, 676-689.	1.9	2
400	Enhanced visceromotor emotional reactivity in dyslexia and its relation to salience network connectivity. <i>Cortex</i> , 2021, 134, 278-295.	1.1	12
401	Insula volumes are altered in patients with social anxiety disorder. <i>Behavioural Brain Research</i> , 2021, 400, 113012.	1.2	4
402	From the Body to the Brain: The Biological Background. , 2021, , 41-73.		0
403	Robust Estimation of Respiratory Variability Uncovers Correlates of Limbic Brain Activity and Transcutaneous Cervical Vagus Nerve Stimulation in the Context of Traumatic Stress. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 849-859.	2.5	20
405	Inflammation and Depression: Is Immunometabolism the Missing Link?. , 2021, , 259-287.		3
406	The neuroscience of emotional disorders. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 183, 1-26.	1.0	46

#	ARTICLE	IF	CITATIONS
407	Organ-specific, multimodal, wireless optoelectronics for high-throughput phenotyping of peripheral neural pathways. <i>Nature Communications</i> , 2021, 12, 157.	5.8	25
408	Emotions and psychophysiology. , 2021, , 111-132.		1
409	Intrinsic functional network contributions to the relationship between trait empathy and subjective happiness. <i>NeuroImage</i> , 2021, 227, 117650.	2.1	19
410	Air Hunger: A Primal Sensation and a Primary Element of Dyspnea. , 2021, 11, 1449-1483.		41
411	Interpersonal Motor Interactions Shape Multisensory Representations of the Peripersonal Space. <i>Brain Sciences</i> , 2021, 11, 255.	1.1	6
413	Twenty-four-hour patterns in electrodermal activity recordings of patients with and without epileptic seizures. <i>Epilepsia</i> , 2021, 62, 960-972.	2.6	24
414	Be still my heart: Cardiac regulation as a mode of uncertainty reduction. <i>Psychonomic Bulletin and Review</i> , 2021, 28, 1211-1223.	1.4	13
415	The perspectives of mapping and monitoring of the sense of self in neurosurgical patients. <i>Acta Neurochirurgica</i> , 2021, 163, 1213-1226.	0.9	11
416	Role of anatomical insular subdivisions in interoception: Interoceptive attention and accuracy have dissociable substrates. <i>European Journal of Neuroscience</i> , 2021, 53, 2669-2680.	1.2	20
417	A bioinspired model of short-term satiety of hunger influenced by food properties in virtual creatures. <i>Cognitive Systems Research</i> , 2021, 66, 46-66.	1.9	4
418	The self in context: brain systems linking mental and physical health. <i>Nature Reviews Neuroscience</i> , 2021, 22, 309-322.	4.9	102
420	Abwehrreaktionen aus Sicht der viszeralen Osteopathie – Teil 2. <i>Osteopathische Medizin</i> , 2021, 22, 16-20.	0.2	0
421	Intraperitoneal injection of lithium chloride induces lateralized activation of the insular cortex in adult mice. <i>Molecular Brain</i> , 2021, 14, 71.	1.3	6
423	Functional Connectivity of the Human Paraventricular Thalamic Nucleus: Insights From High Field Functional MRI. <i>Frontiers in Integrative Neuroscience</i> , 2021, 15, 662293.	1.0	11
424	Item Reduction, Psychometric and Biometric Properties of the Italian Version of the Body Perception Questionnaire – Short Form (BPQ-SF): The BPQ-22. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3835.	1.2	13
425	The Function of Paraventricular Thalamic Circuitry in Adaptive Control of Feeding Behavior. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 671096.	1.0	16
426	The impact of cardiac afferent signaling and interoceptive abilities on passive information sampling. <i>International Journal of Psychophysiology</i> , 2021, 162, 104-111.	0.5	12
427	An evolutionary approach to hypnotizability. <i>American Journal of Clinical Hypnosis</i> , 2021, 63, 294-301.	0.3	0

#	ARTICLE	IF	CITATIONS
428	Cross-cultural adaptation and psychometric properties of the Italian version of the Body Perception Questionnaire. <i>PLoS ONE</i> , 2021, 16, e0251838.	1.1	6
429	Attention orientation to pleasantness and depressive symptomatology predict autonomic reactivity. <i>Cognition and Emotion</i> , 2021, 35, 1203-1213.	1.2	2
430	The inside of me: interoceptive constraints on the concept of self in neuroscience and clinical psychology. <i>Psychological Research</i> , 2022, 86, 2468-2477.	1.0	34
431	Differential Contribution of Anterior and Posterior Midcingulate Subregions to Distal and Proximal Threat Reactivity in Marmosets. <i>Cerebral Cortex</i> , 2021, 31, 4765-4780.	1.6	4
432	The contemporary model of vertebral column joint dysfunction and impact of high-velocity, low-amplitude controlled vertebral thrusts on neuromuscular function. <i>European Journal of Applied Physiology</i> , 2021, 121, 2675-2720.	1.2	22
433	Disentangling interoceptive abilities in alexithymia. <i>Psychological Research</i> , 2021, , 1.	1.0	9
434	Perceptual and Interoceptive Strength Norms for 270 French Words. <i>Frontiers in Psychology</i> , 2021, 12, 667271.	1.1	8
435	State anxiety modulates the effect of emotion cues on visual temporal sensitivity in autism spectrum disorder. <i>European Journal of Neuroscience</i> , 2021, 54, 4682-4694.	1.2	5
436	What Makes an Elite Shooter and Archer? The Critical Role of Interoceptive Attention. <i>Frontiers in Psychology</i> , 2021, 12, 666568.	1.1	2
437	Cortical Responses to Vagus Nerve Stimulation Are Modulated by Brain State in Nonhuman Primates. <i>Cerebral Cortex</i> , 2021, 31, 5289-5307.	1.6	7
438	Intracerebral electrical stimulations of the temporal lobe: A stereoelectroencephalography study. <i>European Journal of Neuroscience</i> , 2021, 54, 5368-5383.	1.2	10
439	Mattering and parental presence in systemic therapy using nonviolent resistance: The utilization of imaginary methods. <i>Family Process</i> , 2021, , .	1.4	2
440	Interoception Disorder and Insular Cortex Abnormalities in Schizophrenia: A New Perspective Between Psychoanalysis and Neuroscience. <i>Frontiers in Psychology</i> , 2021, 12, 628355.	1.1	4
441	Functional connectivity within an anxiety network and associations with anxiety symptom severity in middle-aged adults with and without autism. <i>Autism Research</i> , 2021, 14, 2100-2112.	2.1	5
442	A short review on emotion processing: a lateralized network of neuronal networks. <i>Brain Structure and Function</i> , 2022, 227, 673-684.	1.2	54
443	Interoception and Obsessive-Compulsive Disorder: A Review of Current Evidence and Future Directions. <i>Frontiers in Psychiatry</i> , 2021, 12, 686482.	1.3	8
445	Oxygen Metabolism-induced Stress Response Underlies Heart-brain Interaction Governing Human Consciousness-breaking and Attention. <i>Neuroscience Bulletin</i> , 2022, 38, 166-180.	1.5	7
446	Substance Use and Addiction Affect More Than the Brain: the Promise of Neurocardiac Interventions. <i>Current Addiction Reports</i> , 2021, 8, 431-439.	1.6	12

#	ARTICLE	IF	CITATIONS
447	Cognitive effects of rapid-acting treatments for resistant depression: Just adverse, or contributing to clinical efficacy?. <i>Journal of Psychiatric Research</i> , 2021, 140, 512-521.	1.5	5
448	Heartbeat-Evoked Cortical Potential during Sleep and Interoceptive Sensitivity: A Matter of Hypnotizability. <i>Brain Sciences</i> , 2021, 11, 1089.	1.1	7
449	Rebuilding Bodyâ€“Brain Interaction from the Vagal Network in Spinal Cord Injuries. <i>Brain Sciences</i> , 2021, 11, 1084.	1.1	9
450	Better the devil you know than the devil you don't: Neural processing of risk and ambiguity. <i>NeuroImage</i> , 2021, 236, 118109.	2.1	29
451	The role of electroencephalography electrical reference in the assessment of functional brainâ€“heart interplay: From methodology to user guidelines. <i>Journal of Neuroscience Methods</i> , 2021, 360, 109269.	1.3	38
452	The Peripersonal Space in a social world. <i>Cortex</i> , 2021, 142, 28-46.	1.1	17
454	Cellular activity in insular cortex across seconds to hours: Sensations and predictions of bodily states. <i>Neuron</i> , 2021, 109, 3576-3593.	3.8	45
455	Microbiome-Gut-Brain Interactions in Neurodevelopmental Disorders: Focus on Autism and Schizophrenia. , 2021, , 258-291.		0
456	Inflammation, Sickness Behaviour and Depression. , 2021, , 109-138.		1
457	The Relationship Between Functional Connectivity and Interoceptive Sensibility. <i>Brain Connectivity</i> , 2022, 12, 417-431.	0.8	7
458	The Fundamental Basis of Palpitations: A Neurocardiology Approach. <i>Current Cardiology Reviews</i> , 2022, 18, .	0.6	2
459	Neurocircuitry of Mindfulness-Based Interventions for Substance Use Prevention and Recovery. <i>Current Addiction Reports</i> , 0, , 1.	1.6	1
460	Does alcohol affect emotional face processing via interoceptive pathways?. <i>Drug and Alcohol Dependence</i> , 2021, 226, 108845.	1.6	3
461	Changes in interoception after alcohol administration correlate with expectancies and subjective effects. <i>Addiction Biology</i> , 2022, 27, e13098.	1.4	3
462	Sensory integration in interoception: Interplay between top-down and bottom-up processing. <i>Cortex</i> , 2021, 144, 185-197.	1.1	14
463	Stress, Immune System and the Brain. , 2021, , 51-72.		0
464	The autonomic brain: Multi-dimensional generative hierarchical modelling of the autonomic connectome. <i>Cortex</i> , 2021, 143, 164-179.	1.1	18
465	Influence of visual food cues on autonomic activity and craving. <i>Biological Psychology</i> , 2021, 165, 108197.	1.1	4

#	ARTICLE	IF	CITATIONS
466	Multisensory deficits in dyslexia may result from a locus coeruleus attentional network dysfunction. <i>Neuropsychologia</i> , 2021, 161, 108023.	0.7	4
467	The promoting effect of vagus nerve stimulation on Lempel-Ziv complexity index of consciousness. <i>Physiology and Behavior</i> , 2021, 240, 113553.	1.0	2
468	Inference on homeostatic belief precision. <i>Biological Psychology</i> , 2021, 165, 108190.	1.1	4
469	Atypical interoception as a common risk factor for psychopathology: A review. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 130, 470-508.	2.9	54
470	Cardiovascular mechanisms of interoceptive awareness: Effects of resonance breathing. <i>International Journal of Psychophysiology</i> , 2021, 169, 71-87.	0.5	14
471	Stress and central autonomic network. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021, 235, 102870.	1.4	50
472	Single-cell systems neuroscience: A growing frontier in mental illness. <i>Biocell</i> , 2022, 46, 7-11.	0.4	0
473	Grieving as a form of learning: Insights from neuroscience applied to grief and loss. <i>Current Opinion in Psychology</i> , 2022, 43, 317-322.	2.5	9
474	Phase-locking of resting-state brain networks with the gastric basal electrical rhythm. <i>PLoS ONE</i> , 2021, 16, e0244756.	1.1	14
475	Multilevel analysis: Integrating multiple levels of neurobehavioral systems. <i>Social Neuroscience</i> , 2021, 16, 18-25.	0.7	3
476	An Evolutionary Perspective of Dyslexia, Stress, and Brain Network Homeostasis. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 575546.	1.0	3
477	Evaluation of the protocol for thirst management using ice popsicles in the immediate postoperative period: A pilot study in southern Brazilian hospital. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, .	0.3	2
478	First-Hand Accounts of Interoceptive Difficulties in Autistic Adults. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 3483-3491.	1.7	12
479	The Emerging Science of Interoception: Sensing, Integrating, Interpreting, and Regulating Signals within the Self. <i>Trends in Neurosciences</i> , 2021, 44, 3-16.	4.2	264
480	Brain Processing of Reward for Touch, Temperature, and Oral Texture. , 2016, , 209-225.		29
481	The neural monitoring of visceral inputs, rather than attention, accounts for first-person perspective in conscious vision. <i>Cortex</i> , 2018, 102, 139-149.	1.1	66
482	Improvement in women's cardiovascular functioning during cognitive-behavioral therapy for alcohol use disorder.. <i>Psychology of Addictive Behaviors</i> , 2019, 33, 659-668.	1.4	11
483	Host in the machine: A neurobiological perspective on psychological stress and cardiovascular disease.. <i>American Psychologist</i> , 2018, 73, 1031-1044.	3.8	51

#	ARTICLE	IF	CITATIONS
484	Feelings in the body: Cultural variations in the somatic concomitants of affective experience.. Emotion, 2020, 20, 1490-1494.	1.5	5
485	Alexithymia is associated with a multidomain, multidimensional failure of interoception: Evidence from novel tests.. Journal of Experimental Psychology: General, 2018, 147, 398-408.	1.5	132
486	The orbitofrontal cortex: reward, emotion and depression. Brain Communications, 2020, 2, fcaa196.	1.5	169
487	The cutaneous borders of interoception: Active and social inference of pain and pleasure on the skin. , 2018, , .		6
498	Electrogastrography for psychophysiological research: Practical considerations, analysis pipeline, and normative data in a large sample. Psychophysiology, 2020, 57, e13599.	1.2	56
499	Neuroepithelial circuit formed by innervation of sensory enteroendocrine cells. Journal of Clinical Investigation, 2015, 125, 782-786.	3.9	333
500	Physiology and Pathophysiology of the Autonomic Nervous System. CONTINUUM Lifelong Learning in Neurology, 2020, 26, 12-24.	0.4	46
501	Computational imaging during video game playing shows dynamic synchronization of cortical and subcortical networks of emotions. PLoS Biology, 2020, 18, e3000900.	2.6	15
502	Slow Breathing and Hypoxic Challenge: Cardiorespiratory Consequences and Their Central Neural Substrates. PLoS ONE, 2015, 10, e0127082.	1.1	70
503	Probing the Interoceptive Network by Listening to Heartbeats: An fMRI Study. PLoS ONE, 2015, 10, e0133164.	1.1	24
504	Changes of Brain Glucose Metabolism in the Pretreatment Patients with Non-Small Cell Lung Cancer: A Retrospective PET/CT Study. PLoS ONE, 2016, 11, e0161325.	1.1	11
505	Unexpected arousal modulates the influence of sensory noise on confidence. ELife, 2016, 5, .	2.8	138
506	Neurobehavioral evidence of interoceptive sensitivity in early infancy. ELife, 2017, 6, .	2.8	82
507	Anterior insular cortex plays a critical role in interoceptive attention. ELife, 2019, 8, .	2.8	99
508	Diminished responses to bodily threat and blunted interoception in suicide attempters. ELife, 2020, 9, .	2.8	40
509	Increased misophonia in self-reported Autonomous Sensory Meridian Response. PeerJ, 2018, 6, e5351.	0.9	39
510	Amygdalofugal Modulation of Visceral Nociceptive Transmission in the Rat Caudal Ventrolateral Medulla under Normal Conditions and Intestinal Inflammation. Journal of Evolutionary Biochemistry and Physiology, 2021, 57, 1150-1162.	0.2	1
511	Reduced age-related gray matter loss in the subgenual cingulate cortex in long-term meditators. Brain Imaging and Behavior, 2021, 15, 2824-2832.	1.1	3

#	ARTICLE	IF	CITATIONS
512	Sensitivity to changes in rate of heartbeats as a measure of interoceptive ability. <i>Journal of Neurophysiology</i> , 2021, 126, 1799-1813.	0.9	14
513	A Functional Connectivity Study to Investigate the Role of the Right Anterior Insula in Modulating Emotional Dysfunction in Borderline Personality Disorder. <i>Psychosomatic Medicine</i> , 2022, 84, 64-73.	1.3	6
514	Diffusion-weighted MR spectroscopy (DW-MRS) is sensitive to LPS-induced changes in human glial morphometry: A preliminary study. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 256-265.	2.0	11
515	Toward the unity of pathological and exertional fatigue: A predictive processing model. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 215-228.	1.0	21
516	Generalized tonic-clonic seizures are accompanied by changes of interrelations within the autonomic nervous system. <i>Epilepsy and Behavior</i> , 2021, 124, 108321.	0.9	6
517	The acute exercise-cognition interaction: From the catecholamines hypothesis to an interoception model. <i>International Journal of Psychophysiology</i> , 2021, 170, 75-88.	0.5	36
518	L1 Regularized Regression Modeling of Functional Connectivity. , 2015, , 515-526.		1
519	Neurocognitive Mechanisms of Anxiety and Interoception. <i>Fuansho Kenkyu</i> , 2017, 9, 76-79.	0.1	0
520	Complexity of Heart Rate During More and Less Differentiated Behaviors. <i>Studies in Computational Intelligence</i> , 2018, , 173-179.	0.7	0
522	Probing Cognitive Enhancements of Social “Resonance” Towards a Aesthetic Community of Sensing and Making Music Together. <i>Kairos: Journal of Philosophy & Science</i> , 2017, 19, 93-133.	0.2	1
523	Complexity of Heart Rate As a Value of Behavioral Complexity. <i>Advances in Cognitive Neurodynamics</i> , 2018, , 309-314.	0.1	0
528	A Neurophysiological Rationale for the Use of the Relaxation Response: Neurological Desensitization. , 2019, , 259-287.		0
529	Relationship Between Emotions, Sleep and Well-Being. , 2019, , 153-166.		0
532	Physiological changes during first encounters and their role in determining the perceived interaction quality. <i>Interaction Studies</i> , 2019, 20, 275-306.	0.4	2
534	MRI Technology for Behavioral and Cognitive Studies in Macaques In Vivo. <i>Fascinating Life Sciences</i> , 2020, , 287-299.	0.5	0
540	Neural correlates of psychopathy: A comprehensive review. , 2022, , 43-73.		6
541	Mitigating the antecedents of sports-related injury through yoga. <i>International Journal of Yoga</i> , 2020, 13, 120.	0.4	7
543	Insular cortex neurons encode and retrieve specific immune responses. <i>Cell</i> , 2021, 184, 5902-5915.e17.	13.5	124

#	ARTICLE	IF	CITATIONS
544	A Pilot Study on the Effect of an Energy Drink on Interoception in High vs. Low Anxiety Sensitivity Individuals. <i>European Journal of Health Psychology</i> , 2020, 27, 171-187.	0.3	3
545	Global differential expression of genes located in the Down Syndrome Critical Region in normal human brain. <i>Colombia Medica</i> , 2014, 45, 154-61.	0.7	3
546	At the heart of the interoception network: Influence of the parasubthalamic nucleus on autonomic functions and motivated behaviors. <i>Neuropharmacology</i> , 2022, 204, 108906.	2.0	14
547	Microbial influences on gut development and gut-brain communication. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	11
548	Interoception abnormalities in schizophrenia: A review of preliminary evidence and an integration with Bayesian accounts of psychosis. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 757-773.	2.9	19
549	Rebooting in sport training and competitions: Athletes' perceived stress levels and the role of interoceptive awareness. <i>Journal of Sports Sciences</i> , 2022, 40, 542-549.	1.0	9
551	Respiration, Heartbeat, and Conscious Tactile Perception. <i>Journal of Neuroscience</i> , 2022, 42, 643-656.	1.7	42
552	Effect of the subjective intensity of fatigue and interoception on perceptual regulation and performance during sustained physical activity. <i>PLoS ONE</i> , 2022, 17, e0262303.	1.1	10
553	Association of blood pressure with brain structure in youth with and without bipolar disorder. <i>Journal of Affective Disorders</i> , 2022, 299, 666-674.	2.0	4
554	Le cÅ“ur, socle du soi. , 2017, NÅ° 86, 24-29.		0
555	Gastrointestinal Interoception in Eating Disorders: Charting a New Path. <i>Current Psychiatry Reports</i> , 2022, 24, 47-60.	2.1	28
556	Disturbance of desire-goal motivational dynamics during different exercise intensity domains. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2022, 32, 798-806.	1.3	8
557	Learn to breathe, breathe to learn? No evidence for effects of slow deep breathing at a 0.1 Hz frequency on reversal learning. <i>International Journal of Psychophysiology</i> , 2022, , .	0.5	2
558	Relationships between interoceptive sensibility and resting-state functional connectivity of the insula in obsessive-compulsive disorder. <i>Cerebral Cortex</i> , 2022, 32, 5285-5300.	1.6	7
559	Towards a comprehensive assessment of interoception in a multi-dimensional framework. <i>Biological Psychology</i> , 2022, 168, 108262.	1.1	64
560	Effects of Exercise Training on the Autonomic Nervous System with a Focus on Anti-Inflammatory and Antioxidants Effects. <i>Antioxidants</i> , 2022, 11, 350.	2.2	55
562	Voice Hearing in Borderline Personality Disorder Across Perceptual, Subjective, and Neural Dimensions. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 375-386.	1.0	3
563	A genetically defined insula-brainstem circuit selectively controls motivational vigor. <i>Cell</i> , 2021, 184, 6344-6360.e18.	13.5	28

#	ARTICLE	IF	CITATIONS
564	Emotion Downregulation Targets Interoceptive Brain Regions While Emotion Upregulation Targets Other Affective Brain Regions. <i>Journal of Neuroscience</i> , 2022, 42, 2973-2985.	1.7	20
567	Exoskeletons for Mobility after Spinal Cord Injury: A Personalized Embodied Approach. <i>Journal of Personalized Medicine</i> , 2022, 12, 380.	1.1	8
569	Response inhibition is disrupted by interoceptive processing at cardiac systole. <i>Biological Psychology</i> , 2022, 170, 108323.	1.1	3
570	Recruitment of $\pm 4^{27}$ monocytes and neutrophils to the brain in experimental colitis is associated with elevated cytokines and anxiety-like behavior. <i>Journal of Neuroinflammation</i> , 2022, 19, 73.	3.1	7
571	Functional assessment of bidirectional cortical and peripheral neural control on heartbeat dynamics: A brain-heart study on thermal stress. <i>NeuroImage</i> , 2022, 251, 119023.	2.1	28
573	Neuropsychological and Biological Influences on Drinking Behavior Change. , 2021, , 60-76.		1
574	A multidisciplinary approach to evaluate the impact of emotional dysregulation on adolescent decision making. <i>Humanities and Social Sciences Communications</i> , 2021, 8, .	1.3	4
576	Neuronal metabolism in learning and memory: the anticipatory activity perspective. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, , 104664.	2.9	1
598	Mobile Brain/Body Imaging: Challenges and opportunities for the implementation of research programs based on the 4E perspective to cognition. <i>Adaptive Behavior</i> , 2023, 31, 423-448.	1.1	3
599	Is It a Gut Feeling? Bodily Sensations Associated With the Experience of Valence and Arousal in Patients With Inflammatory Bowel Disease. <i>Frontiers in Psychiatry</i> , 2022, 13, 833423.	1.3	0
601	The Relationship Between Auditory-Motor Integration, Interoceptive Awareness, and Self-Reported Stuttering Severity. <i>Frontiers in Integrative Neuroscience</i> , 2022, 16, .	1.0	2
602	The subfornical organ regulates acidosis-evoked fear by engaging microglial acid-sensor TDAG8 and forebrain neurocircuits in male mice. <i>Journal of Neuroscience Research</i> , 2022, 100, 1732-1746.	1.3	3
603	Convergent regional brain abnormalities in behavioral variant frontotemporal dementia: A neuroimaging meta-analysis of 73 studies. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, .	1.2	10
605	Cardiac Cycle Affects the Asymmetric Value Updating in Instrumental Reward Learning. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	3
606	Neural signatures of individual variability in context-dependent perception of ambiguous facial expression. <i>NeuroImage</i> , 2022, 258, 119355.	2.1	5
607	Neural basis for anxiety and anxiety-related physiological responses during a driving situation: an fMRI study. <i>Cerebral Cortex Communications</i> , 2022, 3, .	0.7	1
609	Mental Stress and Cardiovascular Health—Part I. <i>Journal of Clinical Medicine</i> , 2022, 11, 3353.	1.0	17
611	Impacts of imagery-enhanced versus verbally-based cognitive behavioral group therapy on psychophysiological parameters in social anxiety disorder: Results from a randomized-controlled trial. <i>Behaviour Research and Therapy</i> , 2022, 155, 104131.	1.6	4

#	ARTICLE	IF	CITATIONS
612	Anterior insula as a gatekeeper of executive control. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 139, 104736.	2.9	76
613	An insula hierarchical network architecture for active interoceptive inference. <i>Royal Society Open Science</i> , 2022, 9, .	1.1	21
614	Gut Signals and Gut Feelings: Science at the Interface of Data and Beliefs. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	1.0	3
615	Wuthering heights: gauging fear at altitude in virtual reality. <i>Multimedia Tools and Applications</i> , 2023, 82, 5207-5228.	2.6	1
616	Cognition through the lens of a bodyâ€“brain dynamic system. <i>Trends in Neurosciences</i> , 2022, 45, 667-677.	4.2	21
617	Brain Neural Underpinnings of Interoception and Decision-Making in Alzheimer's Disease: A Narrative Review. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	3
618	The association between clinical and biological characteristics of depression and structural brain alterations. <i>Journal of Affective Disorders</i> , 2022, 312, 268-274.	2.0	6
619	Relations among parent-reported physical activity and interoception in children. <i>Physiology and Behavior</i> , 2022, 254, 113895.	1.0	4
620	A functional connectome signature of blood pressure in >30 000 participants from the UK biobank. <i>Cardiovascular Research</i> , 2023, 119, 1427-1440.	1.8	6
621	The effect of transport infrastructure, congestion and reliability on mental wellbeing: a systematic review of empirical studies. <i>Transport Reviews</i> , 2023, 43, 264-302.	4.7	10
623	Spatial-topographic nestedness of interoceptive regions within the networks of decision making and emotion regulation: Combining ALE meta-analysis and MACM analysis. <i>NeuroImage</i> , 2022, 260, 119500.	2.1	7
625	A review of functional brain differences predicting relapse in substance use disorder: Actionable targets for new methods of noninvasive brain stimulation. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 141, 104821.	2.9	3
626	From brain-body function to conscious interactions. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 141, 104833.	2.9	2
627	The vagus nerve mediates the stomach-brain coherence in rats. <i>NeuroImage</i> , 2022, 263, 119628.	2.1	6
628	Brain-heart interactions in the neurobiology of consciousness. <i>Current Research in Neurobiology</i> , 2022, 3, 100050.	1.1	30
629	Reward-Based Learning and Emotional Habit Formation in the Cerebellum. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 125-140.	0.8	3
631	Physiological Needs: Sensations and Predictions in the Insular Cortex. <i>Physiology</i> , 2023, 38, 73-81.	1.6	2
633	Going beyond the DSM in predicting, diagnosing, and treating autism spectrum disorder with covarying alexithymia and OCD: A structural equation model and process-based predictive coding account. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	0

#	ARTICLE	IF	CITATIONS
634	Seizure-related differences in biosignal 24-h modulation patterns. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
635	Physiological reactions at encoding selectively predict recognition of emotional images. <i>Biological Psychology</i> , 2022, 175, 108429.	1.1	1
636	The i-frame and the s-frame: How focusing on individual-level solutions has led behavioral public policy astray. <i>Behavioral and Brain Sciences</i> , 2023, 46, .	0.4	85
638	Brain networks under uncertainty: A coordinate-based meta-analysis of brain imaging studies. <i>Journal of Affective Disorders</i> , 2022, 319, 627-637.	2.0	2
639	The Reflected Face as a Mask of the Self: An Appraisal of the Psychological and Neuroscientific Research About Self-face Recognition. <i>Topoi</i> , 2022, 41, 715-730.	0.8	1
640	Between-subject similarity of functional connectivity-based organization of the human periaqueductal gray related to autonomic processing. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
641	Dysfunctional Cortical Gradient Topography in Treatment-Resistant Major Depressive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 928-939.	1.1	2
642	Aberrant resting-state functional connectivity and topological properties of the subcortical network in functional dyspepsia patients. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	2
643	Subjective reward processing and catechol-O- methyltransferase Val158Met polymorphism as potential research domain criteria in addiction: A pilot study. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	0
644	Skeletal interoception in bone homeostasis and pain. <i>Cell Metabolism</i> , 2022, 34, 1914-1931.	7.2	17
645	Active tactile discrimination is coupled with and modulated by the cardiac cycle. <i>ELife</i> , 0, 11, .	2.8	14
646	Brain effect of transcutaneous vagal nerve stimulation: A meta-analysis of neuroimaging evidence. <i>Neurogastroenterology and Motility</i> , 0, , .	1.6	3
649	Cardiorespiratory rhythms, brain oscillatory activity and cognition: review of evidence and proposal for significance. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 142, 104908.	2.9	8
650	The central autonomic system revisited – Convergent evidence for a regulatory role of the insular and midcingulate cortex from neuroimaging meta-analyses. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 142, 104915.	2.9	13
651	Breathing is coupled with voluntary initiation of mental imagery. <i>NeuroImage</i> , 2022, 264, 119685.	2.1	5
652	Neurovisceral interactions within the brain-heart axis as the basis of neurocardiology. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2022, 21, 3435.	0.4	1
654	Dynamic autonomic nervous system states arise during emotions and manifest in basal physiology. <i>Psychophysiology</i> , 2023, 60, .	1.2	3
655	Human thirst behavior requires transformation of sensory inputs by intrinsic brain networks. <i>BMC Biology</i> , 2022, 20, .	1.7	1

#	ARTICLE	IF	CITATIONS
656	Cut-Brain Coupling and Multilevel Physiological Response to Biofeedback Relaxation After a Stressful Task Under Virtual Reality Immersion: A Pilot Study. <i>Applied Psychophysiology Biofeedback</i> , 0, .	1.0	1
657	A bioinspired model for the generation of a motivational state from energy homeostasis. <i>Cognitive Systems Research</i> , 2023, 77, 125-141.	1.9	0
658	Cardiac cycle affects risky decision-making. <i>Biological Psychology</i> , 2023, 176, 108471.	1.1	2
659	Sensitive liberals and unfeeling conservatives? <i>Interceptive sensitivity predicts political liberalism</i>. <i>Politics and the Life Sciences</i> , 2022, 41, 256-275.	0.5	2
660	Whole brain correlates of individual differences in skin conductance responses during discriminative fear conditioning to social cues. <i>ELife</i> , 0, 11, .	2.8	3
661	Emotion regulation and the salience network: a hypothetical integrative model of fibromyalgia. <i>Nature Reviews Rheumatology</i> , 2023, 19, 44-60.	3.5	22
662	Neural networks involved in nausea in adult humans: A systematic review. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2023, 245, 103059.	1.4	3
663	Mapping the mental space of emotional concepts through kinematic measures of decision uncertainty. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2023, 378, .	1.8	4
664	Data quality evaluation in wearable monitoring. <i>Scientific Reports</i> , 2022, 12, .	1.6	21
667	Antisocial and impulsive personality traits are linked to individual differences in somatosensory maps of emotion. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
668	Cardiac interoception in patients accessing secondary mental health services: A transdiagnostic study. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2023, 245, 103072.	1.4	5
670	Injury, illness, and emotion: A review of the motivational continuum from trauma through recovery from an ecological perspective. <i>Brain, Behavior, & Immunity - Health</i> , 2023, 27, 100586.	1.3	0
671	Neighborhood Beauty and the Brain in Older Japanese Adults. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 679.	1.2	0
672	Central autonomic control. , 2023, , 11-16.		1
673	Cardiac and Gastric Interoceptive Awareness Have Distinct Neural Substrates. <i>ENeuro</i> , 2023, 10, ENEURO.0157-22.2023.	0.9	3
674	Neural substrates of interoceptive sensibility: An integrated study in normal and pathological functioning. <i>Neuropsychologia</i> , 2023, 183, 108504.	0.7	2
675	Mindfulness for adaptation to analog and new technologies emergence for long-term space missions. <i>Frontiers in Space Technologies</i> , 0, 4, .	0.8	3
676	Thinking versus feeling: How interoception and cognition influence emotion recognition in behavioural-variant frontotemporal dementia, Alzheimer's disease, and Parkinson's disease. <i>Cortex</i> , 2023, 163, 66-79.	1.1	7

#	ARTICLE	IF	CITATIONS
677	Models of the Self. , 2022, , 51-71.		0
678	The inflamed brain preserves neural traces of conditioned aversive interoceptive stimuli: Implications for psychopathology. Brain, Behavior, and Immunity, 2023, 109, 188-189.	2.0	0
679	Heart Rate Asymmetry, Its Compensation, and Heart Rate Variability in Healthy Adults during 48-h Holter ECG Recordings. Journal of Clinical Medicine, 2023, 12, 1219.	1.0	2
680	FATIGUE IN MULTIPLE SCLEROSIS. Eastern Ukrainian Medical Journal, 2022, 10, 309-317.	0.0	0
681	Coactivation of Autonomic and Central Nervous Systems During Processing of Socially Relevant Information in Autism Spectrum Disorder: A Systematic Review. Neuropsychology Review, 2024, 34, 214-231.	2.5	1
682	Central control of cardiac activity as assessed by intra-cerebral recordings and stimulations. Neurophysiologie Clinique, 2023, 53, 102849.	1.0	3
683	Cardiogenic control of affective behavioural state. Nature, 2023, 615, 292-299.	13.7	72
684	Embodied empathy and abstract concepts' concreteness: Evidence from contemplative practices. Progress in Brain Research, 2023, , .	0.9	0
685	Somatovisceral Influences on Emotional Development. Emotion Review, 2023, 15, 127-144.	2.1	1
686	The Role of the Insular Cortex in Pain. International Journal of Molecular Sciences, 2023, 24, 5736.	1.8	21
688	Associations between mental health, blood pressure and the development of hypertension. Nature Communications, 2023, 14, .	5.8	8
703	Anterior insula and dorsal anterior cingulate cortex as a hub of self-regulation: combining activation likelihood estimation meta-analysis and meta-analytic connectivity modeling analysis. Brain Structure and Function, 2023, 228, 1329-1345.	1.2	1
709	Lifestyle and environmental influences on electroencephalography, quantitative electroencephalography, and neurofeedback. , 2023, , 499-528.		0
710	Interoceptive influences on resting-state fMRI. , 2023, , 87-105.		0
721	Interoceptive rhythms in the brain. Nature Neuroscience, 2023, 26, 1670-1684.	7.1	9
722	Silence and its effects on the autonomic nervous system: A systematic review. Progress in Brain Research, 2023, , 103-144.	0.9	0
731	The "æ(a)moral brain" When things go wrong. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2023, , 107-117.	1.0	0
748	Anatomical and Physiological Basics. , 2023, , 43-81.		0

#	ARTICLE	IF	CITATIONS
751	Emotion & the autonomic nervous system. , 2023, , .		0
763	Autonomic biofeedback and the human brain. , 2024, , .		0