The Embodiment of Emotional Feelings in the Brain

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Citation Report

#	Article	IF	Citations
1	New Perspectives on Affect and Learning Technologies. , 2011, , .		63
2	Dissecting axes of autonomic control in humans: Insights from neuroimaging. Autonomic Neuroscience: Basic and Clinical, 2011, 161, 34-42.	1.4	132
3	Brainâ€“immune interactions and the neural basis of disease-avoidant ingestive behaviour. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 3389-3405.	1.8	33
4	Under Pressure: Response Urgency Modulates Striatal and Insula Activity during Decision-Making under Risk. PLoS ONE, 2011, 6, e20942.	1.1	36
5	Disgust Sensitivity and the Neurophysiology of Left-Right Political Orientations. PLoS ONE, 2011, 6, e25552.	1.1	161
6	Significance of the insula for the evolution of human awareness of feelings from the body. Annals of the New York Academy of Sciences, 2011, 1225, 72-82.	1.8	537
7	The relationship between BOLD signal and autonomic nervous system functions: implications for processing of â€œphysiological noiseâ€• Magnetic Resonance Imaging, 2011, 29, 1338-1345.	1.0	67
8	Metabolic and hedonic drives in the neural control of appetite: who is the boss?. Current Opinion in Neurobiology, 2011, 21, 888-896.	2.0	388
9	How does interoceptive awareness interact with the subjective experience of emotion? An fMRI Study. Human Brain Mapping, 2013, 34, 598-612.	1.9	171
10	The construction of emotional experience requires the integration of implicit and explicit emotional processes. Behavioral and Brain Sciences, 2012, 35, 159-160.	0.4	47
11	How Emotions Are Shaped by Bodily States. Emotion Review, 2012, 4, 163-168.	2.1	52
12	The importance of actions and the worth of an object: dissociable neural systems representing core value and economic value. Social Cognitive and Affective Neuroscience, 2012, 7, 497-505.	1.5	30
13	Functional specialization does not require a one-to-one mapping between brain regions and emotions. Behavioral and Brain Sciences, 2012, 35, 161-162.	0.4	19
14	A rapprochement between emotion and cognition: Amygdala, emotion, and self-relevance in episodic-autobiographical memory. Behavioral and Brain Sciences, 2012, 35, 164-166.	0.4	10
15	What can neuroimaging meta-analyses really tell us about the nature of emotion?. Behavioral and Brain Sciences, 2012, 35, 150-152.	0.4	8
16	Need for more evolutionary and developmental perspective on basic emotional mechanisms. Behavioral and Brain Sciences, 2012, 35, 171-172.	0.4	2
17	Neuronal deactivation is equally important for understanding emotional processing. Behavioral and Brain Sciences, 2012, 35, 169-170.	0.4	0
18	A systems approach to the brain basis of emotion also needs developmental and locationist views â€“ the case of Tourette's Syndrome. Behavioral and Brain Sciences, 2012, 35, 160-160.	0.4	2

#	Article	IF	Citations
19	Understanding emotion: Lessons from anxiety. Behavioral and Brain Sciences, 2012, 35, 145-145.	0.4	2
20	A constructionist account of emotional disorders. Behavioral and Brain Sciences, 2012, 35, 146-147.	0.4	7
21	Further routes to psychological constructionism. Behavioral and Brain Sciences, 2012, 35, 153-154.	0.4	1
22	The role of the amygdala in the appraising brain. Behavioral and Brain Sciences, 2012, 35, 161-161.	0.4	17
23	Invariants of human emotion. Behavioral and Brain Sciences, 2012, 35, 164-164.	0.4	11
24	Timing: A missing key ingredient in typical fMRI studies of emotion. Behavioral and Brain Sciences, 2012, 35, 170-171.	0.4	16
25	Neuroscience findings are consistent with appraisal theories of emotion; but does the brain â€œrespectâ€• constructionism?. Behavioral and Brain Sciences, 2012, 35, 163-164.	0.4	13
26	What are emotions and how are they created in the brain?. Behavioral and Brain Sciences, 2012, 35, 172-202.	0.4	31
27	Feeling the strain: Predicting the third dimension of core affect. Behavioral and Brain Sciences, 2012, 35, 166-167.	0.4	0
28	Emotions as mind organs. Behavioral and Brain Sciences, 2012, 35, 147-148.	0.4	1
29	Overcoming the emotion experience/expression dichotomy. Behavioral and Brain Sciences, 2012, 35, 145-146.	0.4	11
30	Emotions of â€œhigherâ€•cognition. Behavioral and Brain Sciences, 2012, 35, 157-158.	0.4	16
31	What's in a baby-cry? Locationist and constructionist frameworks in parental brain responses. Behavioral and Brain Sciences, 2012, 35, 167-168.	0.4	4
32	Scaffolding emotions and evolving language. Behavioral and Brain Sciences, 2012, 35, 154-155.	0.4	1
33	Narrative constructions and the life history issue in brainâ€“emotions relations. Behavioral and Brain Sciences, 2012, 35, 168-169.	0.4	2
34	A rigorous approach for testing the constructionist hypotheses of brain function. Behavioral and Brain Sciences, 2012, 35, 148-149.	0.4	13
35	Altered brain mechanisms of emotion processing in pre-manifest Huntington's disease. Brain, 2012, 135, 1165-1179.	3.7	85
36	Psychological constructionism and cultural neuroscience. Behavioral and Brain Sciences, 2012, 35, 152-153.	0.4	12

#	Article	IF	Citations
37	An Interoceptive Predictive Coding Model of Conscious Presence. Frontiers in Psychology, 2011, 2, 395.	1.1	589
38	Beyond brain regions: Network perspective of cognitionâ€"emotion interactions. Behavioral and Brain Sciences, 2012, 35, 158-159.	0.4	88
39	Mother and child in synchrony: Thermal facial imprints of autonomic contagion. Biological Psychology, 2012, 89, 123-129.	1.1	108
40	Sleep and Affective Brain Regulation. Social and Personality Psychology Compass, 2012, 6, 773-791.	2.0	16
41	A convergent functional architecture of the insula emerges across imaging modalities. NeuroImage, 2012, 61, 1129-1142.	2.1	351
42	The influence of emotional priming on the neural substrates of memory: A prospective fMRI study using portrait art stimuli. NeuroImage, 2012, 61, 876-883.	2.1	4
43	Real-time imaging of cortical areas involved in the generation of increases in skin sympathetic nerve activity when viewing emotionally charged images. NeuroImage, 2012, 62, 30-40.	2.1	34
44	Spontaneous Brain Activity Relates to Autonomic Arousal. Journal of Neuroscience, 2012, 32, 11176-11186.	1.7	96
45	Interoception across Modalities: On the Relationship between Cardiac Awareness and the Sensitivity for Gastric Functions. PLoS ONE, 2012, 7, e36646.	1.1	223
46	fMRI Evidence of a Hot-Cold Empathy Gap in Hypothetical and Real Aversive Choices. SSRN Electronic Journal, 2012, , .	0.4	3
47	Prime elements of subjectively experienced feelings and desires: Imaging the emotional cocktail. Behavioral and Brain Sciences, 2012, 35, 144-144.	0.4	3
48	The brain basis of emotion: A meta-analytic review. Behavioral and Brain Sciences, 2012, 35, 121-143.	0.4	1,768
49	Brain systems for baroreflex suppression during stress in humans. Human Brain Mapping, 2012, 33, 1700-1716.	1.9	137
50	Emotional participation in musical and non-musical behaviors. Behavioral and Brain Sciences, 2012, 35, 149-150.	0.4	3
51	The sleeping brain and the neural basis of emotions. Behavioral and Brain Sciences, 2012, 35, 155-156.	0.4	20
52	Emotion and personality factors influence the neural response to emotional stimuli. Behavioral and Brain Sciences, 2012, 35, 156-157.	0.4	9
53	Understanding disgust. Annals of the New York Academy of Sciences, 2012, 1251, 62-76.	1.8	166
54	Persistence of Feelings and Sentience after Bilateral Damage of the Insula. Cerebral Cortex, 2013, 23, 833-846.	1.6	176

#	Article	IF	Citations
55	Anatomical and functional overlap within the insula and anterior cingulate cortex during interoception and phobic symptom provocation. Human Brain Mapping, 2013, 34, 1220-1229.	1.9	64
56	Introducing the sick face. Motivation and Emotion, 2013, 37, 550-557.	0.8	20
57	Neuroimaging of Consciousness. , 2013, , .		6
58	Dissociations between the horizontal and dorsoventral axes in bodyâ€size perception. European Journal of Neuroscience, 2013, 37, 1747-1753.	1.2	24
59	Interaction between cognition, emotion, and the autonomic nervous system. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 117, 59-77.	1.0	168
60	Interoceptive inference, emotion, and the embodied self. Trends in Cognitive Sciences, 2013, 17, 565-573.	4.0	1,240
61	The nature of feelings: evolutionary and neurobiological origins. Nature Reviews Neuroscience, 2013, 14, 143-152.	4.9	867
62	The Brain Circuitry Underlying the Temporal Evolution of Nausea in Humans. Cerebral Cortex, 2013, 23, 806-813.	1.6	170
63	White matter impairment in chronic heroin dependence: A quantitative DTI study. Brain Research, 2013, 1531, 58-64.	1.1	48
64	Psychophysiology of neural, cognitive and affective integration: How theoretical perspectives align with evidence from brain imaging. Autonomic Neuroscience: Basic and Clinical, 2013, 177, 305-306.	1.4	0
65	Identification of sites of sympathetic outflow at rest and during emotional arousal: Concurrent recordings of sympathetic nerve activity and fMRI of the brain. International Journal of Psychophysiology, 2013, 89, 451-459.	0.5	45
66	Visceral Influences on Brain and Behavior. Neuron, 2013, 77, 624-638.	3.8	774
67	Neurobehavioural activation during peripheral immunosuppression. International Journal of Neuropsychopharmacology, 2013, 16, 137-149.	1.0	24
68	Things rank and gross in nature: A review and synthesis of moral disgust.. Psychological Bulletin, 2013, 139, 300-327.	5.5	238
69	The Autonomic Brain: An Activation Likelihood Estimation Meta-Analysis for Central Processing of Autonomic Function. Journal of Neuroscience, 2013, 33, 10503-10511.	1.7	653
70	The embodiment of emotion: language use during the feeling of social emotions predicts cortical somatosensory activity. Social Cognitive and Affective Neuroscience, 2013, 8, 806-812.	1.5	40
71	Evidence for the differential salience of disgust and fear in episodic memory.. Journal of Experimental Psychology: General, 2013, 142, 1100-1112.	1.5	129
72	Disgust trait modulates frontal-posterior coupling as a function of disgust domain. Social Cognitive and Affective Neuroscience, 2013, 8, 351-358.	1.5	26

#	Article	IF	Citations
73	Anterior insular cortex and emotional awareness. Journal of Comparative Neurology, 2013, 521, 3371-3388.	0.9	507
74	Studying the Effects of Culture by Integrating Neuroscientific With Ethnographic Approaches. Psychological Inquiry, 2013, 24, 42-46.	0.4	46
75	Multivariate pattern classification reveals autonomic and experiential representations of discrete emotions.. Emotion, 2013, 13, 681-690.	1.5	115
76	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
77	Perception of Nonverbal Cues. , 2013, , .		0
78	fMRI evidence of a hot-cold empathy gap in hypothetical and real aversive choices. Frontiers in Neuroscience, 2013, 7, 104.	1.4	23
79	Left and Right Amygdala - Mediofrontal Cortical Functional Connectivity Is Differentially Modulated by Harm Avoidance. PLoS ONE, 2014, 9, e95740.	1.1	55
80	How Do You Feel when You Can't Feel Your Body? Interoception, Functional Connectivity and Emotional Processing in Depersonalization-Derealization Disorder. PLoS ONE, 2014, 9, e98769.	1.1	95
81	Emotion, Somatovisceral Afference, and Autonomic Regulation. Emotion Review, 2014, 6, 113-123.	2.1	62
82	The Role of Sleep in Emotional Brain Function. Annual Review of Clinical Psychology, 2014, 10, 679-708.	6.3	597
83	Functional centrality of amygdala, striatum and hypothalamus in a â€œsmall-worldâ€•network underlying joy: An fMRI study with music. Human Brain Mapping, 2014, 35, 3485-3498.	1.9	86
84	Neural correlates of error processing reflect individual differences in interoceptive sensitivity. International Journal of Psychophysiology, 2014, 94, 278-286.	0.5	21
85	Cognitive Neuroscience of Obsessive-Compulsive Disorder. Psychiatric Clinics of North America, 2014, 37, 337-352.	0.7	26
86	The Autonomic Nervous System and Emotion. Emotion Review, 2014, 6, 100-112.	2.1	241
87	Abnormal autonomic and associated brain activities during rest in autism spectrum disorder. Brain, 2014, 137, 153-171.	3.7	70
88	Neural Circuitry of Interoception: New Insights into Anxiety and Obsessive-Compulsive Disorders. Current Treatment Options in Psychiatry, 2014, 1, 235-247.	0.7	26
89	Trait physical disgust is related to moral judgments outside of the purity domain.. Emotion, 2014, 14, 341-348.	1.5	78
90	Decision Making: The Neuroethological Turn. Neuron, 2014, 82, 950-965.	3.8	177

#	Article	IF	Citations
91	The Role of Bodily Perception in Emotion: In Defense of an Impure Somatic Theory. Philosophy and Phenomenological Research, 2014, 89, 637-678.	0.5	50
92	Correlations between social-emotional feelings and anterior insula activity are independent from visceral states but influenced by culture. Frontiers in Human Neuroscience, 2014, 8, 728.	1.0	53
93	Aiming for the stomach and hitting the heart: Dissociable triggers and sources for disgust reactions.. Emotion, 2014, 14, 301-309.	1.5	56
94	Does previous chemotherapyâ€induced nausea and vomiting predict postoperative nausea and vomiting?. Acta Anaesthesiologica Scandinavica, 2015, 59, 1145-1153.	0.7	16
95	Differential functional brain network connectivity during visceral interoception as revealed by independent component analysis of fMRI timeâ€series. Human Brain Mapping, 2015, 36, 4438-4468.	1.9	55
97	Dissociation between Emotional Remapping of Fear and Disgust in Alexithymia. PLoS ONE, 2015, 10, e0140229.	1.1	31
98	Neural correlates of electrointestinography: Insular activity modulated by signals recorded from the abdominal surface. Neuroscience, 2015, 289, 1-8.	1.1	3
99	Neuroanatomical substrates for the volitional regulation of heart rate. Frontiers in Psychology, 2015, 06, 300.	1.1	21
100	The problem with emotion. Physics of Life Reviews, 2015, 13, 33-35.	1.5	1
101	Sleep Deprivation Impairs the Human Central and Peripheral Nervous System Discrimination of Social Threat. Journal of Neuroscience, 2015, 35, 10135-10145.	1.7	86
102	Autonomic Control. , 2015, , 635-642.		0
103	The insectivoreâ€™s dilemma, and how to take the West out of it. Food Quality and Preference, 2015, 44, 44-55.	2.3	191
104	Rivalry of homeostatic and sensory-evoked emotions: Dehydration attenuates olfactory disgust and its neural correlates. NeuroImage, 2015, 114, 120-127.	2.1	19
105	Prenatal Drug Exposure Affects Neonatal Brain Functional Connectivity. Journal of Neuroscience, 2015, 35, 5860-5869.	1.7	72
106	Autonomic and brain responses associated with empathy deficits in autism spectrum disorder. Human Brain Mapping, 2015, 36, 3323-3338.	1.9	84
107	Salience processing and insular cortical function and dysfunction. Nature Reviews Neuroscience, 2015, 16, 55-61.	4.9	1,603
108	Node Detection Using High-Dimensional Fuzzy Parcellation Applied to the Insular Cortex. Neural Plasticity, 2016, 2016, 1-8.	1.0	14
109	The Psychophysiology of Emotions. , 2016, , 83-98.		11

#	Article	IF	Citations
110	Emotional Bodies: Cognitive Neuroscience and Mediaeval Studies. Literature Compass, 2016, 13, 457-466.	0.0	4
111	Interoceptive dimensions across cardiac and respiratory axes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20160014.	1.8	197
112	Changes in disgust and heart rate during exposure for Obsessive Compulsive Disorder: A case series. Journal of Behavior Therapy and Experimental Psychiatry, 2016, 51, 92-99.	0.6	12
113	Interoceptive awareness and its relationship to hippocampal dependent processes. Brain and Cognition, 2016, 109, 26-33.	0.8	13
114	The word disgust may refer to more than one emotion.. Emotion, 2016, 16, 301-308.	1.5	26
115	The role of language in the experience and perception of emotion: a neuroimaging meta-analysis. Social Cognitive and Affective Neuroscience, 2017, 12, nsw121.	1.5	71
116	Motor, cognitive, and affective areas of the cerebral cortex influence the adrenal medulla. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9922-9927.	3.3	155
117	Alexithymia: a general deficit of interoception. Royal Society Open Science, 2016, 3, 150664.	1.1	221
118	ALE metaâ€analysis reveals dissociable networks for affective and discriminative aspects of touch. Human Brain Mapping, 2016, 37, 1308-1320.	1.9	133
119	Contamination Appraisals, Pollution Beliefs, and the Role of Cultural Inheritance in Shaping Disease Avoidance Behavior. Cognitive Science, 2016, 40, 1561-1585.	0.8	11
120	Within- and Between-Session Changes in Neural Activity During Emotion Processing in Unipolar and Bipolar Depression. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2016, 1, 518-527.	1.1	16
121	Links among emotional awareness, somatic awareness and autonomic homeostatic processing. BioPsychoSocial Medicine, 2016, 10, 16.	0.9	40
122	The Insular Cortex and the Regulation of Cardiac Function. , 2016, 6, 1081-1133.		146
123	Interoceptive awareness changes the posterior insula functional connectivity profile. Brain Structure and Function, 2016, 221, 1555-1571.	1.2	105
124	Fashioning the Face: Sensorimotor Simulation Contributes to Facial Expression Recognition. Trends in Cognitive Sciences, 2016, 20, 227-240.	4.0	254
125	The influence of self-awareness on emotional memory formation: an fMRI study. Social Cognitive and Affective Neuroscience, 2016, 11, 580-592.	1.5	14
126	Anger in brain and body: the neural and physiological perturbation of decision-making by emotion. Social Cognitive and Affective Neuroscience, 2016, 11, 150-158.	1.5	44
127	Neuropsychiatric Symptoms of Epilepsy. Neuropsychiatric Symptoms of Neurological Disease, 2016, , .	0.3	12

#	Article	IF	Citations
128	Adolescent development of insulaâ€dependent interoceptive regulation. Developmental Science, 2017, 20, e12438.	1.3	30
129	Orbitofrontal Cortex Activity and Connectivity Predict Future Depression Symptoms in Adolescence. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 610-618.	1.1	21
130	The Insula: An Underestimated Brain Area in Clinical Neuroscience, Psychiatry, and Neurology. Trends in Neurosciences, 2017, 40, 200-207.	4.2	284
131	Physiology of Nausea. , 2017, , 1-13.		2
132	Changes in brain metabolic connectivity underlie autistic-like social deficits in a rat model of autism spectrum disorder. Scientific Reports, 2017, 7, 13213.	1.6	30
133	Neural dynamics underlying emotional transmissions between individuals. Social Cognitive and Affective Neuroscience, 2017, 12, 1249-1260.	1.5	16
134	Effects of 25 mg oxazepam on emotional mimicry and empathy for pain: a randomized controlled experiment. Royal Society Open Science, 2017, 4, 160607.	1.1	9
135	Strong Inference in Psychophysiological Science. , 0, , 3-15.		11
137	From Homeostasis to Allodynamic Regulation. , 0, , 401-426.		3
138	The Interoceptive System: Implications for Cognition, Emotion, and Health. , 0, , 427-443.		5
140	Is Disgust Proneness Associated With Anxiety and Related Disorders? A Qualitative Review and Meta-Analysis of Group Comparison and Correlational Studies. Perspectives on Psychological Science, 2017, 12, 613-648.	5.2	80
141	Group-based emotion in group processes and intergroup relations. Group Processes and Intergroup Relations, 2017, 20, 658-668.	2.4	35
142	Bodily Contributions to Emotion: Schachterâ€™s Legacy for a Psychological Constructionist View on Emotion. Emotion Review, 2017, 9, 36-45.	2.1	29
143	Brain response to masked and unmasked facial emotions as a function of implicit and explicit personality self-concept of extraversion. Neuroscience, 2017, 340, 464-476.	1.1	8
144	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. NeuroImage, 2017, 146, 951-958.	2.1	102
145	A Somatic Movement Approach to Fostering Emotional Resiliency through Laban Movement Analysis. Frontiers in Human Neuroscience, 2017, 11, 410.	1.0	21
146	Increasing Our Insular World View: Interoception and Psychopathology for Psychotherapists. Frontiers in Neuroscience, 2017, 11, 135.	1.4	32
147	Temporal Lobe: Neocortical Structures. , 0, , 56-72.		0

#	Article	IF	Citations
148	Increased heart rate after exercise facilitates the processing of fearful but not disgusted faces. Scientific Reports, 2018, 8, 398.	1.6	31
149	Neuronal Migration and Axonal Pathways Linked to Human Fetal Insular Development Revealed by Diffusion MR Tractography. Cerebral Cortex, 2018, 28, 3555-3563.	1.6	12
150	I see neither your Fear, nor your Sadness â€“ Interoception in adolescents. Consciousness and Cognition, 2018, 60, 52-61.	0.8	20
151	Resting-state Abnormalities in Heroin-dependent Individuals. Neuroscience, 2018, 378, 113-145.	1.1	25
152	Physiological and self-reported disgust reactions to obesity. Cognition and Emotion, 2018, 32, 579-592.	1.2	9
153	Generating facial expressions of disgust activates neurons in the thoracic spinal cord: a spinal fMRI study. Social Neuroscience, 2018, 13, 328-332.	0.7	6
154	Mapping the sequence of brain events in response to disgusting food. Human Brain Mapping, 2018, 39, 369-380.	1.9	29
155	Considering Gut Biofeedback for Emotion Regulation. , 2018, , .		7
156	The gutâ€“brain axis in health neuroscience: implications for functional gastrointestinal disorders and appetite regulation. Annals of the New York Academy of Sciences, 2018, 1428, 129-150.	1.8	44
157	Neural Mechanisms Linking Emotion with Cardiovascular Disease. Current Cardiology Reports, 2018, 20, 128.	1.3	43
158	The neurobiology of interoception in health and disease. Annals of the New York Academy of Sciences, 2018, 1428, 112-128.	1.8	230
159	Brain activation during the expectations of sensory experience for cutaneous electrical stimulation. NeuroImage: Clinical, 2018, 19, 982-989.	1.4	12
161	Role of theÂInsular Cortex in Emotional Awareness. , 2018, , 161-168.		0
162	Ectoparasite defence in humans: relationships to pathogen avoidance and clinical implications. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170207.	1.8	35
163	What Makes Moral Disgust Special? An Integrative Functional Review. Advances in Experimental Social Psychology, 2018, 57, 223-289.	2.0	42
164	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
165	The Role of Perceived Control in the Psychophysiological Responses to Disgust of Subclinical OCD Women. Sensors, 2019, 19, 4180.	2.1	2
166	Physiological feelings. Neuroscience and Biobehavioral Reviews, 2019, 103, 267-304.	2.9	121

#	Article	IF	Citations
167	Interoceptive awareness mitigates deficits in emotional prosody recognition in Autism. Biological Psychology, 2019, 146, 107711.	1.1	9
168	Visceral Signals Shape Brain Dynamics and Cognition. Trends in Cognitive Sciences, 2019, 23, 488-509.	4.0	238
169	Changes in emotional processing following interoceptive network stimulation with rTMS. Neuroscience, 2019, 406, 405-419.	1.1	19
170	Power of Self-Touch: Its Neural Mechanism as a Coping Strategy. , 2019, , 33-47.		1
171	Female Self-Empowerment through Dance. Journal of Dance Education, 2020, 20, 35-43.	0.2	3
172	Disgust Theory Through the Lens of Psychiatric Medicine. Clinical Psychological Science, 2020, 8, 3-24.	2.4	8
173	Alterations of Heartbeat Evoked Magnetic Fields Induced by Sounds of Disgust. Frontiers in Psychiatry, 2020, 11, 683.	1.3	5
174	Affect in the Aging Brain: A Neuroimaging Meta-Analysis of Older Vs. Younger Adult Affective Experience and Perception. Affective Science, 2020, 1, 128-154.	1.5	12
175	Selfhood triumvirate: From phenomenology to brain activity and back again. Consciousness and Cognition, 2020, 86, 103031.	0.8	22
176	Common and <scp>genderâ€specific</scp> associations with cocaine use on gray matter volume: Data from the <scp>ENIGMA</scp> addiction working group. Human Brain Mapping, 2022, 43, 543-554.	1.9	13
177	Wilding the predictive brain. Wiley Interdisciplinary Reviews: Cognitive Science, 2020, 11, e1542.	1.4	28
178	Monoamines: Dopamine, Norepinephrine, and Serotonin, Beyond Modulation, â€œSwitchesâ€•That Alter the State of Target Networks. Neuroscientist, 2022, 28, 121-143.	2.6	12
179	A Minimal Setup for Spontaneous Smile Quantification Applicable for Valence Detection. Frontiers in Psychology, 2020, 11, 566354.	1.1	1
180	More Than Words Can Say: A Multi-Disciplinary Consideration of the Psychotherapeutic Evaluation and Treatment of Alexithymia. Frontiers in Psychiatry, 2020, 11, 433.	1.3	11
181	Directional Interactions Between Constituents of the Human Large-Scale Thermoregulatory Network. Brain Topography, 2020, 33, 489-503.	0.8	11
182	Expanding Simulation Models of Emotional Understanding: The Case for Different Modalities, Body-State Simulation Prominence, and Developmental Trajectories. Frontiers in Psychology, 2020, 11, 309.	1.1	35
183	Different Neural Correlates of Sexually Preferred and Sexually Nonpreferred Stimuli. Journal of Sexual Medicine, 2020, 17, 1254-1267.	0.3	1
184	Subjective well-being is associated with the functional connectivity network of the dorsal anterior insula. Neuropsychologia, 2020, 141, 107393.	0.7	17

#	Article	IF	Citations
185	Brain Networks of Emotional Prosody Processing. Emotion Review, 2021, 13, 34-43.	2.1	37
186	A Causal Role for Gastric Rhythm in Human Disgust Avoidance. Current Biology, 2021, 31, 629-634.e3.	1.8	15
187	Unconscious processing of emotions and the right hemisphere. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 183, 27-46.	1.0	5
188	The structural and functional changes of the insula in people with addiction. Advances in Psychological Science, 2021, 29, 1438.	0.2	0
189	Emotions and psychophysiology. , 2021, , 111-132.		1
190	Psychic euosmia among obsessive-compulsive personality disorder patients: A case control study. World Journal of Psychiatry, 2021, 11, 36-43.	1.3	0
191	Psychic euosmia among obsessive-compulsive personality disorder patients: A case control study. World Journal of Psychiatry, 2021, 11, 50-57.	1.3	0
192	Disgust: Internal Context Matters. Current Biology, 2021, 31, R120-R122.	1.8	0
193	Understanding the capture of exogenous attention by disgusting and fearful stimuli: The role of interoceptive accuracy. International Journal of Psychophysiology, 2021, 161, 53-63.	0.5	2
194	The neural substrates of subliminal attentional bias and reduced inhibition in individuals with a higher BMI: A VBM and resting state connectivity study. NeuroImage, 2021, 229, 117725.	2.1	7
195	Trait self-control mediates the association between resting-state neural correlates and emotional well-being in late adolescence. Social Cognitive and Affective Neuroscience, 2021, 16, 632-641.	1.5	10
196	Enhanced Expectation of External Sensations of the Chest Regulates the Emotional Perception of Fearful Faces. Brain Sciences, 2021, 11, 946.	1.1	0
197	Interoception and Obsessive-Compulsive Disorder: A Review of Current Evidence and Future Directions. Frontiers in Psychiatry, 2021, 12, 686482.	1.3	8
198	Beyond vernacular: Measurement solutions to the lexical fallacy in disgust research. Journal of Anxiety Disorders, 2021, 82, 102408.	1.5	4
200	Atypical interoception as a common risk factor for psychopathology: A review. Neuroscience and Biobehavioral Reviews, 2021, 130, 470-508.	2.9	54
201	Perspectives from Social and Affective Neuroscience on the Design of Digital Learning Technologies. , 2011, , 233-241.		21
202	Emotion Recognition. Neuropsychiatric Symptoms of Neurological Disease, 2016, , 177-193.	0.3	5
203	Neuroimaging Studies of Interoception and Self-Awareness. , 2013, , 207-224.		3

#	Article	IF	Citations
204	A Two-Way Road. , 2013, , 82-106.		12
205	The physiological basis of psychological disgust and moral judgments.. Journal of Personality and Social Psychology, 2019, 116, 15-32.	2.6	31
206	Electrogastrography for psychophysiological research: Practical considerations, analysis pipeline, and normative data in a large sample. Psychophysiology, 2020, 57, e13599.	1.2	56
207	Going with our Guts. , 2020, , .		10
208	Slow Breathing and Hypoxic Challenge: Cardiorespiratory Consequences and Their Central Neural Substrates. PLoS ONE, 2015, 10, e0127082.	1.1	70
209	Sounds Stimulation on In Vitro HL1 Cells: A Pilot Study and a Theoretical Physical Model. International Journal of Molecular Sciences, 2021, 22, 156.	1.8	12
210	The Neural Basis of Self-Touch in a Pain-Free Situation. Neuropsychiatry, 2018, 08, .	0.4	2
211	Neural basis of emotions. Scholarpedia Journal, 2011, 6, 1804.	0.3	33
212	Real-Time Ultrasound Imaging of the Tear Trough: Lessons Learned From Functional Anatomy. Aesthetic Surgery Journal, 2022, 42, 518-526.	0.9	13
213	Osteopathy and Mental Health: An Embodied, Predictive, and Interoceptive Framework. Frontiers in Psychology, 2021, 12, 767005.	1.1	16
216	Distinct networks of periaqueductal gray columns in pain and threat processing. NeuroImage, 2022, 250, 118936.	2.1	10
217	Common and distinct neurofunctional representations of core and social disgust in the brain: Coordinate-based and network meta-analyses. Neuroscience and Biobehavioral Reviews, 2022, 135, 104553.	2.9	16
218	Towards a comprehensive assessment of interoception in a multi-dimensional framework. Biological Psychology, 2022, 168, 108262.	1.1	64
219	Multimodal MRI reveals alterations of the anterior insula and posterior cingulate cortex in bipolar II disorders: A surface-based approach. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 116, 110533.	2.5	6
220	The effect of obstructed action efficacy on reward-based decision-making in healthy adolescents: a novel functional MRI task to assay frustration. Cognitive, Affective and Behavioral Neuroscience, 2021, , 1.	1.0	1
221	A multidisciplinary approach to evaluate the impact of emotional dysregulation on adolescent decision making. Humanities and Social Sciences Communications, 2021, 8, .	1.3	4
224	Interoceptive pathways to understand and treat mental health conditions. Trends in Cognitive Sciences, 2022, 26, 499-513.	4.0	51
226	Interoceptive Integration in the Primate Insular Cortex. , 2022, , 52-66.		3

#	Article	IF	Citations
227	Reconceptualizing the therapeutic alliance in osteopathic practice: Integrating insights from phenomenology, psychology and enactive inference. International Journal of Osteopathic Medicine, 2022, 46, 36-44.	0.4	9
228	Anterior insula as a gatekeeper of executive control. Neuroscience and Biobehavioral Reviews, 2022, 139, 104736.	2.9	76
229	Being in-sync: A multimodal framework on the emotional and cognitive synchronization of collaborative learners. Frontiers in Education, 0, 7, .	1.2	1
230	The experience of vertigo: A systematic review of neuroimaging studies. Brain Imaging and Behavior, 2022, 16, 2797-2808.	1.1	1
231	The central autonomic system revisited â€“ Convergent evidence for a regulatory role of the insular and midcingulate cortex from neuroimaging meta-analyses. Neuroscience and Biobehavioral Reviews, 2022, 142, 104915.	2.9	13
232	Gut-Brain Coupling and Multilevel Physiological Response to Biofeedback Relaxation After a Stressful Task Under Virtual Reality Immersion: A Pilot Study. Applied Psychophysiology Biofeedback, 0, , .	1.0	1
233	Neural networks involved in nausea in adult humans: A systematic review. Autonomic Neuroscience: Basic and Clinical, 2023, 245, 103059.	1.4	3
234	Taking subjectivity seriously: towards a unification of phenomenology, psychiatry, and neuroscience. Molecular Psychiatry, 2023, 28, 10-16.	4.1	10
236	Me, Myself and My Insula: An Oasis in the Forefront of Self-Consciousness. Biology, 2023, 12, 599.	1.3	4
237	The associations between pathogen disgust sensitivity, meat liking, plant liking and a lifetime prevalence of anorexia nervosa among Finnish women. Food Quality and Preference, 2023, 106, 104822.	2.3	0
238	Somatovisceral Influences on Emotional Development. Emotion Review, 2023, 15, 127-144.	2.1	1
244	Emotion & the autonomic nervous system. , 2023, , .		0
246	Perspective chapter: Emotional Intelligence from a Neuropsychological Perspective. , 0, , .		0