

# The insular cortex

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Insular cortex mediates approach and avoidance responses to social affective stimuli. <i>Nature Neuroscience</i> , 2018, 21, 404-414.	7.1	182
2	Neurophysiological processes and functional neuroanatomical structures underlying proactive effects of emotional conflicts. <i>NeuroImage</i> , 2018, 174, 11-21.	2.1	16
3	Mismatch Negativity in Rat Auditory Cortex Represents the Empirical Salience of Sounds. <i>Frontiers in Neuroscience</i> , 2018, 12, 924.	1.4	10
4	Structural Connectivity of the Anterior Cingulate Cortex, Claustrum, and the Anterior Insula of the Mouse. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 100.	0.9	45
5	Treating Brain Disorders by Targeting Adult Neural Stem Cells. <i>Trends in Molecular Medicine</i> , 2018, 24, 991-1006.	3.5	37
6	On the Neurophysiological Mechanisms Underlying the Adaptability to Varying Cognitive Control Demands. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 411.	1.0	5
7	The Opioid System as a Long-Lasting Molecular Witness of Child Abuse in the Brain. <i>Biological Psychiatry</i> , 2018, 84, 706-707.	0.7	0
9	Attention, Salience, and Self-Awareness: The Role of Insula in Meditation. , 2018, , 213-221.		4
10	Exploring the Relationships Between Altered Body Perception, Limb Position Sense, and Limb Movement Sense in Complex Regional Pain Syndrome. <i>Journal of Pain</i> , 2019, 20, 17-27.	0.7	27
11	Amide Proton Transfer Contrast Distribution in Different Brain Regions in Young Healthy Subjects. <i>Frontiers in Neuroscience</i> , 2019, 13, 520.	1.4	11
12	Region-Specific Changes of Insular Cortical Thickness in Heavy Smokers. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 265.	1.0	8
13	Reduced accuracy accompanied by reduced neural activity during the performance of an emotional conflict task by unmedicated patients with major depression: A CAN-BIND fMRI study. <i>Journal of Affective Disorders</i> , 2019, 257, 765-773.	2.0	20
14	Revisiting the brain activity associated with innocuous and noxious cold exposure. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 104, 197-208.	2.9	5
15	Lurasidone inhibits NMDA receptor antagonist-induced functional abnormality of thalamocortical glutamatergic transmission via 5-HT <sub>7</sub> receptor blockade. <i>British Journal of Pharmacology</i> , 2019, 176, 4002-4018.	2.7	34
16	Parallel pathways of seizure generalization. <i>Brain</i> , 2019, 142, 2336-2351.	3.7	25
17	Insular Cortex Projections to Nucleus Accumbens Core Mediate Social Approach to Stressed Juvenile Rats. <i>Journal of Neuroscience</i> , 2019, 39, 8717-8729.	1.7	50
18	Altered resting-state functional connectivity of the insula in individuals with clinical high-risk and patients with first-episode schizophrenia. <i>Psychiatry Research</i> , 2019, 282, 112608.	1.7	25
19	Activity of Insula to Basolateral Amygdala Projecting Neurons is Necessary and Sufficient for Taste Valence Representation. <i>Journal of Neuroscience</i> , 2019, 39, 9369-9382.	1.7	55

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20	Functional connectivity of music-induced analgesia in fibromyalgia. <i>Scientific Reports</i> , 2019, 9, 15486.	1.6	20
21	Fatigue in inflammatory rheumatic disorders: pathophysiological mechanisms. <i>Rheumatology</i> , 2019, 58, v35-v50.	0.9	33
22	A new hypothesis in botulin therapy for depression: Insula cortex modification. <i>Dermatologic Therapy</i> , 2019, 32, e13008.	0.8	4
23	Neural correlates of aversive anticipation: An activation likelihood estimate meta-analysis across multiple sensory modalities. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 1379-1390.	1.0	17
24	Abnormal spontaneous neural activity of brain regions in patients with primary blepharospasm at rest. <i>Journal of the Neurological Sciences</i> , 2019, 403, 44-49.	0.3	14
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28	Null mutation in P4h-tm leads to decreased fear and anxiety and increased social behavior in mice. <i>Neuropharmacology</i> , 2019, 153, 63-72.	2.0	13
29	Effect of Hand and Foot Massage Therapy on Psychological Factors and EEG Activity in Elderly People Requiring Long-Term Care: A Randomized Cross-Over Study. <i>Brain Sciences</i> , 2019, 9, 54.	1.1	14
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36	Consolidation of an aversive taste memory requires two rounds of transcriptional and epigenetic regulation in the insular cortex. <i>Behavioural Brain Research</i> , 2019, 356, 371-374.	1.2	5
37	The temporoinsular projection system: an anatomical study. <i>Journal of Neurosurgery</i> , 2020, 132, 615-623.	0.9	12

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38	Cortical modulation of nociception by galvanic vestibular stimulation: A potential clinical tool?. <i>Brain Stimulation</i> , 2020, 13, 60-68.	0.7	11
39	Revisiting the physiology of nausea and vomiting—challenging the paradigm. <i>Supportive Care in Cancer</i> , 2020, 28, 13-21.	1.0	30
40	Perineuronal nets in the insula regulate aversion-resistant alcohol drinking. <i>Addiction Biology</i> , 2020, 25, e12821.	1.4	39
41	Altered spontaneous brain activity in obsessive-compulsive personality disorder. <i>Comprehensive Psychiatry</i> , 2020, 96, 152144.	1.5	13
42	Effect of soil water repellent layer depth on post-wildfire hydrological processes. <i>Hydrological Processes</i> , 2020, 34, 270-283.	1.1	26
43	The Community Resiliency Model® to promote nurse well-being. <i>Nursing Outlook</i> , 2020, 68, 324-336.	1.5	47
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52	Oxytocin increases the pleasantness of affective touch and orbitofrontal cortex activity independent of valence. <i>European Neuropsychopharmacology</i> , 2020, 39, 99-110.	0.3	26
53	Sexual dimorphic distribution of cannabinoid 1 receptor mRNA in adult C57BL/6J mice. <i>Journal of Comparative Neurology</i> , 2020, 528, 1986-1999.	0.9	28
54	A randomized, controlled trial of alpha-rhythm EEG neurofeedback in posttraumatic stress disorder: A preliminary investigation showing evidence of decreased PTSD symptoms and restored default mode and salience network connectivity using fMRI. <i>NeuroImage: Clinical</i> , 2020, 28, 102490.	1.4	38
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61	Abnormal cortical thickening and thinning in idiopathic normal-pressure hydrocephalus. <i>Scientific Reports</i> , 2020, 10, 21213.	1.6	11
62	Resilience: Safety in the Aftermath of Traumatic Stressor Experiences. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 596919.	1.0	16
63	Regional brain responses associated with using imagination to evoke and satiate thirst. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13750-13756.	3.3	8
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73	Inflexible adjustment of expectations affects cognitive-emotional conflict control in adolescents with autism spectrum disorder. <i>Cortex</i> , 2020, 130, 231-245.	1.1	9

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74	Endogenous cortisol-related alterations of right anterior insula functional connectivity under acute stress. <i>Journal of Affective Disorders</i> , 2020, 274, 231-238.	2.0	9
75	Effects of mTOR inhibitors on neuropathic pain revealed by optical imaging of the insular cortex in rats. <i>Brain Research</i> , 2020, 1733, 146720.	1.1	12
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83	Altered functional connectivity of the insula in a rat model of recurrent headache. <i>Molecular Pain</i> , 2020, 16, 174480692092211.	1.0	12
84	Neural Circuit Mechanism Underlying the Feeding Controlled by Insula-Central Amygdala Pathway. <i>IScience</i> , 2020, 23, 101033.	1.9	14
85	Facial expressions of emotion states and their neuronal correlates in mice. <i>Science</i> , 2020, 368, 89-94.	6.0	192
86	Interactions between retronasal olfaction and taste influence vegetable liking and consumption: A psychophysical investigation. <i>Journal of Agriculture and Food Research</i> , 2020, 2, 100044.	1.2	14
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88	Anxiety during abstinence from alcohol: A systematic review of rodent and human evidence for the anterior insula's role in the abstinence network. <i>Addiction Biology</i> , 2021, 26, e12861.	1.4	13
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96	Insular lobe surgery and cognitive impairment in gliomas operated with intraoperative neurophysiological monitoring. <i>Acta Neurochirurgica</i> , 2021, 163, 1279-1289.	0.9	11
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114	Cognitive and Neural Correlates of Loneliness and Wisdom during Emotional Bias. <i>Cerebral Cortex</i> , 2021, 31, 3311-3322.	1.6	22
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123	Electrical stimulation of the posterior insula induces mechanical analgesia in a rodent model of neuropathic pain by modulating GABAergic signaling and activity in the pain circuitry. <i>Brain Research</i> , 2021, 1754, 147237.	1.1	20
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138	Emotional Effects Induced by the Application of a Cosmetic Product: A Real-Time Electrophysiological Evaluation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4766.	1.3	8
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151	Neocortical circuits in pain and pain relief. <i>Nature Reviews Neuroscience</i> , 2021, 22, 458-471.	4.9	63
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156	A ilha escondida de Reil: cÃ³rtex insular e sua participaÃ§Ã£o nas respostas emocionais, vÃ¡cios e tomadas de decisÃµes. <i>Research, Society and Development</i> , 2021, 10, e32110918226.	0.0	0

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158	Insula to mPFC reciprocal connectivity differentially underlies novel taste neophobic response and learning in mice. <i>ELife</i> , 2021, 10, .	2.8	12
159	Parvalbumin interneuron inhibition onto anterior insula neurons projecting to the basolateral amygdala drives aversive taste memory retrieval. <i>Current Biology</i> , 2021, 31, 2770-2784.e6.	1.8	15
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161	Neural adaptation of cingulate and insular activity during delayed fear extinction: A replicable pattern across assessment sites and repeated measurements. <i>NeuroImage</i> , 2021, 237, 118157.	2.1	13
162	Neural correlates of extrinsic and intrinsic outcome processing during learning in individuals with TBI: a pilot investigation. <i>Brain Imaging and Behavior</i> , 2022, 16, 344-354.	1.1	1
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166	Increased network centrality of the anterior insula in early abstinence from alcohol. <i>Addiction Biology</i> , 2022, 27, e13096.	1.4	14
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