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### Frontiers | Abnormal Resting-State Functional Connectivity ...

https://www.frontiersin.org/articles/10.3389/fpsyt.2017.00200 •

Oct 11, 2017 · The aberrant function and structure of the insula have been investigated in patients with psychiatric diseases such as schizophrenia (36-38), mood disorder (39-42), autism spectrum disorder ...

Cited by: 21 Author: Qihua Zhao, Hui Li, Xiaoyan Yu, Fang Huan...

Publish Year: 2017

### Network Connectivity Abnormality Profile Supports a ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4213949

The SAL network of anterior insula and anterior cingulate connectivity is involved in salience detection(Menon and Uddin, 2010), including behavioral monitoring and error detection(Ullsperger, et al.,...

## Depression is associated with hyperconnectivity of an ...

https://www.sciencedirect.com/science/article/pii/S0165032720301464

Sep 01, 2020 · Sep 01, 2020 · While depressive symptoms were associated with increased FC of brain regions that form an introspective socio-affective network, such as the precuneus, bilateral anterior...

## Functional and effective connectivity of anterior insula ...

https://www.researchgate.net/publication/225290667\_Functional\_and\_effective...

The anterior insula has been proposed to play a crucial role in eating disorders. However, it is still poorly

## Attention Deficit Hyperactivity Disorder

Medical condition

Symptoms

Diagnosis

Causes

Treatments

Attention-deficit/hyperactivity disorder (ADHD) is a brain disorder marked by an ongoing pattern of inattention and/or hyperactivity-impulsivity that interferes with functioning or development.

NIH

### Symptoms

There are three categories of ADHD symptoms in addition to three types of the disorder. Symptoms are classified as:

- · inattention: getting distracted easily, having poor concentration and organizational skills
- · impulsivity: interrupting, taking risks...

Read more on Healthline

#### Causes

The cause of ADHD isn't known. Researchers say several things may lead

://www.sciencedirect.com/science/article/pii/S0165032720301464 olved in anorexia nervosa (AN) and bulimia ...



17-Aug-2021 06:48PM

67091\_Auto\_Edited.docx

Quotes Excluded Bibliography Excluded

8%

Text-Only Report

Name of Journal: World Journal of Psychiatry

Manuscript NO: 67091

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Differential Aberrant Connectivity of Precuneus and Anterior Insula May Underpin the Diagnosis of Schizophrenia and Mood Disorders

Abberant connectivity of precuneus

Katrin Aryutova, Rositsa Paunova, Sevdalina Kandilarova, Kristina Stoyanova, Michael HJ Maes, Drozdstoy Stoyanov

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# Differential Aberrant Connectivity of Precuneus and Anterior Insula







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# Medial Prefrontal and Anterior Insular Connectivity in ...

https://ir.lib.uwo.ca/cgi/viewcontent.cgi?article=1282&context=brainpub

Medial Prefrontal and Anterior Insular Connectivity in Early Schizophrenia and Major Depressive Disorder: A Resting Functional MRI Evaluation of Large-Scale Brain Network Models. Jacob Penner Department of Psychiatry, University of Western Ontario, London, ON, ...

Cited by: 30 Author: Jacob Penner, Jacob Penner, Jacob Pen...

Publish Year: 2016

# Effect of Risperidone Monotherapy on Dynamic Functional ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7147596

Sep 05, 2019 · Objective. The insula consists of functionally diverse subdivisions, and each division plays different roles in schizophrenia neuropathology. The current study aimed to investigate the abnormal patterns of dynamic functional connectivity (dFC) of insular subdivisions in schizophrenia and the effect of antipsychotics on these connections.

Cited by: 13 Author: Xujun Duan, Maolin Hu, Maolin Hu, Maoli...

Publish Year: 2020

# Aberrant Spontaneous and Task-Dependent Functional ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4851245

As reviewed above, growing evidence suggests altered brain connectivity across the anxiety disorders. Given that connectivity is aberrant across several neural regions (amygdala-frontal, frontal-striatal) and across several canonical neural networks (DMN, SN), a more accurate depiction of anxiety pathophysiology may therefore involve widespread ....

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