

7

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 51357

Manuscript Type: ORIGINAL ARTICLE

Case Control Study

**Altered profiles of fecal metabolites correlate with visceral hypersensitivity
and may contribute to symptom severity of diarrhea-predominant irritable
bowel syndrome**

Zhang WX *et al.* Fecal metabolites in functional gastrointestinal disorders

Abstract

BACKGROUND

Match Overview

1	Crossref 47 words c. tana. "Altered profiles of intestinal microbiota and organi... acids may be the origin of symptoms in irritable bowel syndr	1%
2	Crossref 35 words X. J. Xu, Y. L. Zhang, L. Liu, L. Pan, S. K. Yao. "Increased e xpression of nerve growth factor correlates with visceral hype	1%
3	Internet 22 words crawled on 06-Aug-2017 preview-bpsmedicine.biomedcentral.com	1%
4	Internet 16 words crawled on 11-Mar-2019 www.med.nagoya-u.ac.jp	<1%
5	Internet 15 words crawled on 19-May-2019 www.nature.com	<1%
6	Internet 15 words crawled on 18-Feb-2019 www.wjgnet.com	<1%
7	Internet 14 words crawled on 19-Oct-2019 f6publishing.blob.core.windows.net	<1%
8	Crossref 13 words Fang He, Chenlu Wu, Pan Li, Nengzhang Li, Dong Zhang, Q uoqiang Zhu, Wenkai Ren, Yuanyi Peng. "Functions and S...	<1%



国内版 国际版

Altered profiles of fecal metabolites correlate with visceral hyp



Chat with Bing

Sign in



All

Images

Videos

关闭取词

Add Bing Firefox extension >

20,900 Results

Any time ▾

Diagnosis and treatment of diarrhea-predominant irritable ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4755466>

Feb 11, 2016 - Some patients with IBS have reduced thresholds for the sensation of bloating throughout the GI system compared with unaffected individuals; however, **visceral** perception is not **altered** in all patients and does not necessarily **correlate** with a particular **symptom profile**.²² Sensitization of neurons involved in the perception or transmission of sensory information from the ENS to the central nervous system (CNS) is likely involved in IBS-related **visceral hypersensitivity**.¹⁵ **Alterations** ...

Published in: [International Journal of General Medicine](#) - 2016

Authors: [Brian E Lacy](#)

About: [Text mining](#) - [Bioinformatics](#)

Irritable Bowel Syndrome, Gut Microbiota and Probiotics

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3155061>

Jul 13, 2011 - Irritable bowel syndrome (IBS) is a complex disorder characterized by **abdominal symptoms** including chronic abdominal pain or discomfort and **altered bowel** habits. The etiology of IBS is multifactorial, as **abnormal gut motility**, visceral hypersensitivity, disturbed neural function of the brain-gut axis and an abnormal autonomic nervous system are all implicated in disease progression.

Cited by: [145](#)

Author: [Beom Jae Lee](#), [Young-Tae Bak](#)

Publish Year: 2011

The gut microbiome and irritable bowel syndrome: State of ...

<https://www.sciencedirect.com/science/article/pii/S1687197918300212>

Among all, dysmotility, dysregulation of the **brain-gut axis**, **altered intestinal microbiota** and **visceral hypersensitivity** play a major role. Over the last years, research has shown that the type of **gut microbiome** present in an individual plays a significant role in the pathophysiology of IBS.

Cited by: [3](#)

Author: [Ahmed E. Salem](#), [Rajdeep Singh](#), [Youna...](#)

Publish Year: 2018

Altered Intestinal Microbiota with Increased Abundance of ...

https://www.researchgate.net/publication/325601514_Altered_Intestinal_Microbiota_with...

In conclusion, the **altered intestinal microbiota** is associated with **increased visceral hypersensitivity** and **enterotype** enriched with *Prevotella* may be positively associated with **high risk** of IBS-D ...



12,000 Results

Any time ▾

Diagnosis and treatment of diarrhea-predominant irritable ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4755466>

Feb 11, 2016 · **Irritable bowel syndrome** (IBS) is one of the most common gastrointestinal disorders worldwide. The economic impact of IBS on the health care system is substantial, as is the personal impact on patients. Patients with **diarrhea-predominant** IBS (IBS-D) comprise a ...

Published in: [International Journal of General Medicine](#) · 2016

Authors: [Brian E Lacy](#)

About: [Text mining](#) · [Bioinformatics](#)

Irritable Bowel Syndrome, Gut Microbiota and Probiotics

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3155061>

Jul 13, 2011 · **Irritable bowel syndrome** (IBS) is a complex disorder characterized by abdominal symptoms including chronic abdominal pain or discomfort and **altered bowel** habits. The etiology of IBS is multifactorial, as abnormal gut motility, **visceral hypersensitivity**, disturbed neural function of the brain-gut axis and an abnormal autonomic nervous system are ...

Cited by: 145 Author: [Beom Jae Lee](#), [Young-Tae Bak](#)

Publish Year: 2011

Microbiome, antibiotics and irritable bowel syndrome ...

<https://academic.oup.com/bmb/article/120/1/91/2333808> ▾

Dec 09, 2016 · Efficacy and safety of repeat treatment with rifaximin for **diarrhea-predominant irritable bowel syndrome** (IBS-D): results of the TARGET 3 study. Paper presented at the 2014 Annual Scientific Meeting of the American College of Gastroenterology; 17–22 October 2014; Philadelphia, PA.

Cited by: 11 Author: [O. F. Ahmad](#), [A. Akbar](#)

Publish Year: 2016 Author: [Ahmad, O. F.](#), [Akbar, A.](#)

The gut microbiome and irritable bowel syndrome: State of ...

<https://www.sciencedirect.com/science/article/pii/S1687197918300212>

Over the years, **altered** motility, **visceral hypersensitivity**, ... It has been reported that increased levels of organic acids lead to increased **symptom severity** in individuals diagnosed with IBS ... et al.Characterization of the **fecal** microbiota in patients with **diarrhea predominant irritable bowel syndrome**. *Gastroenterology*, 134 (2008) A-681 ...

Cited by: 3 Author: [Ahmed E. Salem](#), [Rajdeep Singh](#), [Younan K...](#)

Publish Year: 2018

Altered Intestinal Microbiota with Increased Abundance of ...