# Emeran A Mayer

List of Publications by Year
in descending order



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|---|---|---|---|
| 325 papers | 36,821 citations | 2215 99 h-index | 3487 182 g-index |
| 328 all docs | 328 docs citations | 328 times ranked | 22415 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | AGA technical review on irritable bowel syndrome. Gastroenterology, 2002, 123, 2108-2131. | 1.3 | 1,247 |
| 2 | Gut feelings: the emerging biology of gutâ€“brain communication. Nature Reviews Neuroscience, 2011, 12, 453-466. | 10.2 | 1,226 |
| 3 | Gut/brain axis and the microbiota. Journal of Clinical Investigation, 2015, 125, 926-938. | 8.2 | 1,010 |
| 4 | Principles and clinical implications of the brainâ€“gutâ€“enteric microbiota axis. Nature Reviews Gastroenterology and Hepatology, 2009, 6, 306-314. | 17.8 | 992 |
| 5 | Consumption of Fermented Milk Product With Probiotic Modulates Brain Activity. Gastroenterology, 2013, 144, 1394-1401.e4. | 1.3 | 925 |
| 6 | Altered rectal perception is a biological marker of patients with irritable bowel syndrome. Gastroenterology, 1995, 109, 40-52. | 1.3 | 903 |
| 7 | Basic and clinical aspects of visceral hyperalgesia. Gastroenterology, 1994, 107, 271-293. | 1.3 | 875 |
| 8 | The Brain-Gut-Microbiome Axis. Cellular and Molecular Gastroenterology and Hepatology, 2018, 6, 133-148. | 4.5 | 735 |
| 9 | Gut Microbes and the Brain: Paradigm Shift in Neuroscience. Journal of Neuroscience, 2014, 34, 15490-15496. | 3.6 | 719 |
| 10 | Irritable bowel syndrome. Nature Reviews Disease Primers, 2016, 2, 16014. | 30.5 | 674 |
| 11 | The impact of irritable bowel syndrome on health-related quality of life. Gastroenterology, 2000, 119, 654-660. | 1.3 | 643 |
| 12 | Regional cerebral activity in normal and pathological perception of visceral pain. Gastroenterology, 1997, 112, 64-72. | 1.3 | 535 |
| 13 | The neurobiology of stress and gastrointestinal disease. Gut, 2000, 47, 861-869. | 12.1 | 509 |
| 14 | An update on the use and investigation of probiotics in health and disease. Gut, 2013, 62, 787-796. | 12.1 | 448 |
| 15 | Gut microbiome and liver diseases. Gut, 2016, 65, 2035-2044. | 12.1 | 443 |
| 16 | Psychometric Properties of the Early Trauma Inventoryâ€“Self Report. Journal of Nervous and Mental Disease, 2007, 195, 211-218. | 1.0 | 422 |
| 17 | The Brain-Gut Axis in Abdominal Pain Syndromes. Annual Review of Medicine, 2011, 62, 381-396. | 12.2 | 414 |
| 18 | Neonatal maternal separation alters stress-induced responses to viscerosomatic nociceptive stimuli in rat. American Journal of Physiology - Renal Physiology, 2002, 282, G307-G316. | 3.4 | 384 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Brainâ€“Gut Microbiome Interactions and Functional Bowel Disorders. Gastroenterology, 2014, 146, 1500-1512. | 1.3 | 383 |
| 20 | Neuroimaging of the Brain-Gut Axis: From Basic Understanding to Treatment of Functional GI Disorders. Gastroenterology, 2006, 131, 1925-1942. | 1.3 | 368 |
| 21 | Repetitive sigmoid stimulation induces rectal hyperalgesia in patients with irritable bowel syndrome. Gastroenterology, 1997, 112, 55-63. | 1.3 | 367 |
| 22 | Quantitative Meta-analysis Identifies Brain Regions Activated During Rectal Distension in Irritable Bowel Syndrome. Gastroenterology, 2011, 140, 91-100. | 1.3 | 367 |
| 23 | V. Stress and irritable bowel syndrome. American Journal of Physiology - Renal Physiology, 2001, 280, G519-G524. | 3.4 | 362 |
| 24 | The Microbiota-Gut-Brain Axis: From Motility to Mood. Gastroenterology, 2021, 160, 1486-1501. | 1.3 | 356 |
| 25 | Evidence for two distinct perceptual alterations in irritable bowel syndrome. Gut, 1997, 41, 505-512. | 12.1 | 352 |
| 26 | Improvement in pain and bowel function in female irritable bowel patients with alosetron, a 5â€HT<sub>3</sub> receptor antagonist. Alimentary Pharmacology and Therapeutics, 1999, 13, 1149-1159. | 3.7 | 342 |
| 27 | The Visceral Sensitivity Index: development and validation of a gastrointestinal symptom-specific anxiety scale. Alimentary Pharmacology and Therapeutics, 2004, 20, 89-97. | 3.7 | 342 |
| 28 | Role of visceral afferent mechanisms in functional bowel disorders. Gastroenterology, 1990, 99, 1688-1704. | 1.3 | 328 |
| 29 | Mechanisms of hypersensitivity in IBS and functional disorders. Neurogastroenterology and Motility, 2007, 19, 62-88. | 3.0 | 310 |
| 30 | Evolving pathophysiologic models of functional gastrointestinal disorders. Gastroenterology, 2002, 122, 2032-2048. | 1.3 | 308 |
| 31 | Cerebral Activation in Patients With Irritable Bowel Syndrome and Control Subjects During Rectosigmoid Stimulation. Psychosomatic Medicine, 2001, 63, 365-375. | 2.0 | 291 |
| 32 | The Gutâ€“Brain Axis and the Microbiome: Mechanisms and Clinical Implications. Clinical Gastroenterology and Hepatology, 2019, 17, 322-332. | 4.4 | 285 |
| 33 | Differential effect of long-term esophageal acid exposure on mechanosensitivity and chemosensitivity in humans. Gastroenterology, 1998, 115, 1363-1373. | 1.3 | 284 |
| 34 | Evidence for the hypersensitivity of lumbar splanchnic afferents in irritable bowel syndrome. Gastroenterology, 1994, 107, 1686-1696. | 1.3 | 280 |
| 35 | A Randomized Controlled Clinical Trial of the Serotonin Type 3 Receptor Antagonist Alosetron in Women With Diarrhea-Predominant Irritable Bowel Syndrome. Archives of Internal Medicine, 2001, 161, 1733. | 3.8 | 275 |
| 36 | Sex-related differences in IBS patients: central processing of visceral stimuli. Gastroenterology, 2003, 124, 1738-1747. | 1.3 | 264 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | The neural correlates of placebo effects: a disruption account. NeuroImage, 2004, 22, 447-455. | 4.2 | 259 |
| 38 | One-year testâ€"retest reliability of intrinsic connectivity network fMRI in older adults. NeuroImage, 2012, 61, 1471-1483. | 4.2 | 254 |
| 39 | Regional Gray Matter Density Changes in Brains of Patients With Irritable Bowel Syndrome. Gastroenterology, 2010, 139, 48-57.e2. | 1.3 | 252 |
| 40 | Differences in brain responses to visceral pain between patients with irritable bowel syndrome and ulcerative colitis. Pain, 2005, 115, 398-409. | 4.2 | 251 |
| 41 | Association Between Early Adverse Life Events and Irritable Bowel Syndrome. Clinical Gastroenterology and Hepatology, 2012, 10, 385-390.e3. | 4.4 | 251 |
| 42 | Symptoms and visceral perception in severe functional and organic dyspepsia. Gut, 1998, 42, 814-822. | 12.1 | 246 |
| 43 | An Irritable Bowel Syndrome-Specific Symptom Questionnaire: Development and Validation. Scandinavian Journal of Gastroenterology, 2003, 38, 947-954. | 1.5 | 245 |
| 44 | Altered brainâ€gut axis in autism: Comorbidity or causative mechanisms?. BioEssays, 2014, 36, 933-939. | 2.5 | 245 |
| 45 | Irritable Bowel Syndrome. New England Journal of Medicine, 2008, 358, 1692-1699. | 27.0 | 241 |
| 46 | Repeated exposure to water avoidance stress in rats: a new model for sustained visceral hyperalgesia. American Journal of Physiology - Renal Physiology, 2005, 289, G42-G53. | 3.4 | 240 |
| 47 | Differences in gut microbial composition correlate with regional brain volumes in irritable bowel syndrome. Microbiome, 2017, 5, 49. | 11.1 | 228 |
| 48 | Reduced Brainstem Inhibition during Anticipated Pelvic Visceral Pain Correlates with Enhanced Brain Response to the Visceral Stimulus in Women with Irritable Bowel Syndrome. Journal of Neuroscience, 2008, 28, 349-359. | 3.6 | 218 |
| 49 | Dysregulation of the hypothalamicâ€pituitaryâ€adrenal (HPA) axis in irritable bowel syndrome. Neurogastroenterology and Motility, 2009, 21, 149-159. | 3.0 | 208 |
| 50 | Towards a systems view of IBS. Nature Reviews Gastroenterology and Hepatology, 2015, 12, 592-605. | 17.8 | 207 |
| 51 | Effect of Amitryptiline on Symptoms, Sleep, and Visceral Perception in Patients With Functional Dyspepsia. American Journal of Gastroenterology, 1998, 93, 160-165. | 0.4 | 202 |
| 52 | A cognitive-behavioral treatment for irritable bowel syndrome using interoceptive exposure to visceral sensations. Behaviour Research and Therapy, 2011, 49, 413-421. | 3.1 | 198 |
| 53 | The Central Role of Gastrointestinal-Specific Anxiety in Irritable Bowel Syndrome: Further Validation of the Visceral Sensitivity Index. Psychosomatic Medicine, 2007, 69, 89-98. | 2.0 | 196 |
| 54 | Irritable bowel syndrome patients show enhanced modulation of visceral perception by auditory stress. American Journal of Gastroenterology, 2003, 98, 135-143. | 0.4 | 192 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Brain imaging approaches to the study of functional GI disorders: A Rome Working Team Report. Neurogastroenterology and Motility, 2009, 21, 579-596. | 3.0 | 188 |
| 56 | Longitudinal Change in Perceptual and Brain Activation Response to Visceral Stimuli in Irritable Bowel Syndrome Patients. Gastroenterology, 2006, 131, 352-365. | 1.3 | 175 |
| 57 | Differences in somatic perception in female patients with irritable bowel syndrome with and without fibromyalgia. Pain, 2000, 84, 297-307. | 4.2 | 174 |
| 58 | Cyclic vomiting syndrome in adults. Neurogastroenterology and Motility, 2008, 20, 269-284. | 3.0 | 172 |
| 59 | Symptoms and Visceral Perception in Patients With Pain-Predominant Irritable Bowel Syndrome. American Journal of Gastroenterology, 1999, 94, 1320-1326. | 0.4 | 171 |
| 60 | Perceptual responses in patients with inflammatory and functional bowel disease. Gut, 2000, 47, 497-505. | 12.1 | 171 |
| 61 | Gastroparesis and functional dyspepsia: excerpts from the AGA/ANMS meeting. Neurogastroenterology and Motility, 2010, 22, 113-133. | 3.0 | 171 |
| 62 | Childhood Trauma Is Associated With Hypothalamic-Pituitary-Adrenal Axis Responsiveness in Irritable Bowel Syndrome. Gastroenterology, 2009, 137, 1954-1962. | 1.3 | 167 |
| 63 | Rectal afferent function in patients with inflammatory and functional intestinal disorders. Pain, 1996, 66, 151-161. | 4.2 | 166 |
| 64 | Sensation of bloating and visible abdominal distension in patients with irritable bowel syndrome. American Journal of Gastroenterology, 2001, 96, 3341-3347. | 0.4 | 163 |
| 65 | The Gutâ€“Brain Axis. Annual Review of Medicine, 2022, 73, 439-453. | 12.2 | 163 |
| 66 | Clinical Determinants of Health-Related Quality of Life in Patients With Irritable Bowel Syndrome. Archives of Internal Medicine, 2004, 164, 1773. | 3.8 | 158 |
| 67 | Brain Structure and Response to Emotional Stimuli as Related to Gut Microbial Profiles in Healthy Women. Psychosomatic Medicine, 2017, 79, 905-913. | 2.0 | 158 |
| 68 | Gender differences in regional brain response to visceral pressure in IBS patients. European Journal of Pain, 2000, 4, 157-172. | 2.8 | 157 |
| 69 | Gut Microbiome and Obesity: A Plausible Explanation for Obesity. Current Obesity Reports, 2015, 4, 250-261. | 8.4 | 154 |
| 70 | Sleep Disturbances in Clinic Patients With Functional Bowel Disorders. American Journal of Gastroenterology, 2000, 95, 1195-1200. | 0.4 | 145 |
| 71 | Effect of Abuse History on Pain Reports and Brain Responses to Aversive Visceral Stimulation: An fMRI Study. Gastroenterology, 2008, 134, 396-404. | 1.3 | 141 |
| 72 | Functional GI disorders: from animal models to drug development. Gut, 2008, 57, 384-404. | 12.1 | 140 |

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|---|---|---|---|
| 73 | Brain Responses to Visceral Stimuli Reflect Visceral Sensitivity Thresholds in Patients With Irritable Bowel Syndrome. Gastroenterology, 2012, 142, 463-472.e3. | 1.3 | 139 |
| 74 | Prevalence of irritable bowel syndrome among university students. Journal of Psychosomatic Research, 2003, 55, 501-505. | 2.6 | 137 |
| 75 | Diffusion tensor imaging detects microstructural reorganization in the brain associated with chronic irritable bowel syndrome. Pain, 2013, 154, 1528-1541. | 4.2 | 134 |
| 76 | Review article: modulation of the brainâ€“gut axis as a therapeutic approach in gastrointestinal disease. Alimentary Pharmacology and Therapeutics, 2006, 24, 919-933. | 3.7 | 133 |
| 77 | Irritable bowel syndrome in female patients is associated with alterations in structural brain networks. Pain, 2014, 155, 137-149. | 4.2 | 132 |
| 78 | Serum and Colonic Mucosal Immune Markers in Irritable Bowel Syndrome. American Journal of Gastroenterology, 2012, 107, 262-272. | 0.4 | 131 |
| 79 | Condition-specific deactivation of brain regions by 5-HT3 receptor antagonist Alosetron. Gastroenterology, 2002, 123, 969-977. | 1.3 | 128 |
| 80 | Functional Abdominal Pain Syndrome. Gastroenterology, 2006, 130, 1492-1497. | 1.3 | 128 |
| 81 | The MAPP research network: design, patient characterization and operations. BMC Urology, 2014, 14, 58. | 1.4 | 128 |
| 82 | The Effect of Life Stress on Symptoms of Heartburn. Psychosomatic Medicine, 2004, 66, 426-434. | 2.0 | 127 |
| 83 | Sex specific alterations in autonomic function among patients with irritable bowel syndrome. Gut, 2005, 54, 1396-1401. | 12.1 | 127 |
| 84 | Brainâ€“gutâ€“microbiome interactions in obesity and food addiction. Nature Reviews Gastroenterology and Hepatology, 2020, 17, 655-672. | 17.8 | 127 |
| 85 | Sex differences in brain activity during aversive visceral stimulation and its expectation in patients with chronic abdominal pain: A network analysis. NeuroImage, 2008, 41, 1032-1043. | 4.2 | 126 |
| 86 | Agonists of proteinase-activated receptor 1 induce plasma extravasation by a neurogenic mechanism. British Journal of Pharmacology, 2001, 133, 975-987. | 5.4 | 125 |
| 87 | A Dose-Ranging, Phase II Study of the Efficacy and Safety of Alosetron in Men with Diarrhea-Predominant IBS. American Journal of Gastroenterology, 2005, 100, 115-123. | 0.4 | 125 |
| 88 | The MAPP research network: a novel study of urologic chronic pelvic pain syndromes. BMC Urology, 2014, 14, 57. | 1.4 | 123 |
| 89 | Emerging disease model for functional gastrointestinal disorders. American Journal of Medicine, 1999, 107, 12-19. | 1.5 | 120 |
| 90 | Functional variants in the sucraseâ€“isomaltase gene associate with increased risk of irritable bowel syndrome. Gut, 2018, 67, 263-270. | 12.1 | 120 |

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|---|---|---|---|
| 91 | Characterization of the Alternating Bowel Habit Subtype in Patients with Irritable Bowel Syndrome. American Journal of Gastroenterology, 2005, 100, 896-904. | 0.4 | 113 |
| 92 | The Effect of Auditory Stress on Perception of Intraesophageal Acid in Patients With Gastroesophageal Reflux Disease. Gastroenterology, 2008, 134, 696-705. | 1.3 | 113 |
| 93 | The effect of the 5â€HT<sub>3</sub> receptor antagonist, alosetron, on brain responses to visceral stimulation in irritable bowel syndrome patients. Alimentary Pharmacology and Therapeutics, 2002, 16, 1357-1366. | 3.7 | 112 |
| 94 | Predictors of Patient-Assessed Illness Severity in Irritable Bowel Syndrome. American Journal of Gastroenterology, 2008, 103, 2536-2543. | 0.4 | 112 |
| 95 | Diseases, Disorders, and Comorbidities of Interoception. Trends in Neurosciences, 2021, 44, 39-51. | 8.6 | 112 |
| 96 | Imaging brain mechanisms in chronic visceral pain. Pain, 2015, 156, S50-S63. | 4.2 | 107 |
| 97 | Brain Responses To Visceral and Somatic Stimuli in Patients With Irritable Bowel Syndrome With and Without Fibromyalgia. American Journal of Gastroenterology, 2003, 98, 1354-1361. | 0.4 | 106 |
| 98 | Type, Rather Than Number, of Mental and Physical Comorbidities Increases the Severity of Symptoms in Patients With Irritable Bowel Syndrome. Clinical Gastroenterology and Hepatology, 2013, 11, 1147-1157. | 4.4 | 106 |
| 99 | Surgically Induced Changes in Gut Microbiome and Hedonic Eating as Related to Weight Loss: Preliminary Findings in Obese Women Undergoing Bariatric Surgery. Psychosomatic Medicine, 2017, 79, 880-887. | 2.0 | 105 |
| 100 | A novel water-soluble selective CRF1 receptor antagonist, NBI 35965, blunts stress-induced visceral hyperalgesia and colonic motor function in rats. Brain Research, 2003, 985, 32-42. | 2.2 | 102 |
| 101 | Review article: genderâ€related differences in functional gastrointestinal disorders. Alimentary Pharmacology and Therapeutics, 1999, 13, 65-69. | 3.7 | 98 |
| 102 | Vasoactive Intestinal Polypeptide and Mast Cells Regulate Increased Passage of Colonic Bacteria in Patients With Irritable Bowel Syndrome. Gastroenterology, 2017, 153, 948-960.e3. | 1.3 | 98 |
| 103 | Effect of sex on perception of rectosigmoid stimuli in irritable bowel syndrome. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R277-R284. | 1.8 | 97 |
| 104 | Chronic Early-life Stress in Rat Pups Alters Basal Corticosterone, Intestinal Permeability, and Fecal Microbiota at Weaning: Influence of Sex. Journal of Neurogastroenterology and Motility, 2017, 23, 135-143. | 2.4 | 97 |
| 105 | Corticotropin-releasing factor receptor 1 mediates acute and delayed stress-induced visceral hyperalgesia in maternally separated Long-Evans rats. American Journal of Physiology - Renal Physiology, 2005, 289, G704-G712. | 3.4 | 96 |
| 106 | Patients with Chronic Visceral Pain Show Sex-Related Alterations in Intrinsic Oscillations of the Resting Brain. Journal of Neuroscience, 2013, 33, 11994-12002. | 3.6 | 96 |
| 107 | Effect of hypnotherapy and educational intervention on brain response to visceral stimulus in the irritable bowel syndrome. Alimentary Pharmacology and Therapeutics, 2013, 37, 1184-1197. | 3.7 | 94 |
| 108 | Sexâ€based differences in gastrointestinal pain. European Journal of Pain, 2004, 8, 451-463. | 2.8 | 93 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Genetic Approaches to Functional Gastrointestinal Disorders. Gastroenterology, 2010, 138, 1276-1285. | 1.3 | 93 |
| 110 | Alterations in Resting State Oscillations and Connectivity in Sensory and Motor Networks in Women with Interstitial Cystitis/Painful Bladder Syndrome. Journal of Urology, 2014, 192, 947-955. | 0.4 | 93 |
| 111 | The Effects of Acute and Chronic Psychological Stress on Bladder Function in a Rodent Model. Urology, 2011, 78, 967.e1-967.e7. | 1.0 | 92 |
| 112 | Role of brain imaging in disorders of brainâ€“gut interaction: a Rome Working Team Report. Gut, 2019, 68, 1701-1715. | 12.1 | 91 |
| 113 | Sexual Dysfunction in Patients with Irritable Bowel Syndrome and Non-Ulcer Dyspepsia. Digestion, 1998, 59, 79-85. | 2.3 | 89 |
| 114 | Corticotropin-Releasing Factor Receptor 1 Antagonist Alters Regional Activation and Effective Connectivity in an Emotionalâ€“Arousal Circuit during Expectation of Abdominal Pain. Journal of Neuroscience, 2011, 31, 12491-12500. | 3.6 | 89 |
| 115 | Adverse childhood experiences are associated with irritable bowel syndrome and gastrointestinal symptom severity. Neurogastroenterology and Motility, 2016, 28, 1252-1260. | 3.0 | 88 |
| 116 | Irritable bowel syndrome patients show altered sensitivity to exogenous opioids. Pain, 2000, 87, 137-147. | 4.2 | 85 |
| 117 | Evidence for an association of gut microbial Clostridia with brain functional connectivity and gastrointestinal sensorimotor function in patients with irritable bowel syndrome, based on tripartite network analysis. Microbiome, 2019, 7, 45. | 11.1 | 83 |
| 118 | Increased Brain Gray Matter in the Primary Somatosensory Cortex is Associated with Increased Pain and Mood Disturbance in Patients with Interstitial Cystitis/Painful Bladder Syndrome. Journal of Urology, 2015, 193, 131-137. | 0.4 | 82 |
| 119 | Sex and Disease-Related Alterations of Anterior Insula Functional Connectivity in Chronic Abdominal Pain. Journal of Neuroscience, 2014, 34, 14252-14259. | 3.6 | 80 |
| 120 | Impaired Emotional Learning and Involvement of the Corticotropin-Releasing Factor Signaling System in Patients With Irritable Bowel Syndrome. Gastroenterology, 2013, 145, 1253-1261.e3. | 1.3 | 79 |
| 121 | Delayed stress-induced colonic hypersensitivity in male Wistar rats: role of neurokinin-1 and corticotropin-releasing factor-1 receptors. American Journal of Physiology - Renal Physiology, 2004, 286, G683-G691. | 3.4 | 78 |
| 122 | Systemic sclerosis is associated with specific alterations in gastrointestinal microbiota in two independent cohorts. BMJ Open Gastroenterology, 2017, 4, e000134. | 2.7 | 77 |
| 123 | Sexâ€based differences in brain alterations across chronic pain conditions. Journal of Neuroscience Research, 2017, 95, 604-616. | 2.9 | 77 |
| 124 | Corticotropin-releasing factor type 1 receptors mediate the visceral hyperalgesia induced by repeated psychological stress in rats. American Journal of Physiology - Renal Physiology, 2008, 294, G1033-G1040. | 3.4 | 76 |
| 125 | Is a negative colonoscopy associated with reassurance or improved health-related quality of life in irritable bowel syndrome?. Gastrointestinal Endoscopy, 2005, 62, 892-899. | 1.0 | 74 |
| 126 | Sex-dependent differences in the activity and modulation of N-methyl-d-aspartic acid receptors in rat dorsal root ganglia neurons. Neuroscience, 2007, 148, 1015-1020. | 2.3 | 74 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | The HTR3A Polymorphism c. -42C>T Is Associated With Amygdala Responsiveness in Patients With Irritable Bowel Syndrome. Gastroenterology, 2011, 140, 1943-1951. | 1.3 | 73 |
| 128 | Preliminary structural MRI based brain classification of chronic pelvic pain: A MAPP network study. Pain, 2014, 155, 2502-2509. | 4.2 | 73 |
| 129 | Sex differences in regional brain response to aversive pelvic visceral stimuli. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R268-R276. | 1.8 | 71 |
| 130 | Depression, anxiety, and the gastrointestinal system. Journal of Clinical Psychiatry, 2001, 62 Suppl 8, 28-36; discussion 37. | 2.2 | 70 |
| 131 | Basic Pathophysiologic Mechanisms in Irritable Bowel Syndrome. Digestive Diseases, 2001, 19, 212-218. | 1.9 | 69 |
| 132 | Sex differences in emotion-related cognitive processes in irritable bowel syndrome and healthy control subjects. Pain, 2013, 154, 2088-2099. | 4.2 | 69 |
| 133 | Sex-Related Differences of Cortical Thickness in Patients with Chronic Abdominal Pain. PLoS ONE, 2013, 8, e73932. | 2.5 | 69 |
| 134 | Chronic psychological stress in high-anxiety rats induces sustained bladder hyperalgesia. Physiology and Behavior, 2015, 139, 541-548. | 2.1 | 69 |
| 135 | Brain networks underlying perceptual habituation to repeated aversive visceral stimuli in patients with irritable bowel syndrome. NeuroImage, 2009, 47, 952-960. | 4.2 | 68 |
| 136 | Patterns of brain structural connectivity differentiate normal weight from overweight subjects. NeuroImage: Clinical, 2015, 7, 506-517. | 2.7 | 67 |
| 137 | Substance P release in the dorsal horn assessed by receptor internalization: NMDA receptors counteract a tonic inhibition by GABABreceptors. European Journal of Neuroscience, 1999, 11, 417-426. | 2.6 | 66 |
| 138 | Altered resting state neuromotor connectivity in men with chronic prostatitis/chronic pelvic pain syndrome: A MAPP. NeuroImage: Clinical, 2015, 8, 493-502. | 2.7 | 66 |
| 139 | Brain functional connectivity is associated with visceral sensitivity in women with Irritable Bowel Syndrome. NeuroImage: Clinical, 2017, 15, 449-457. | 2.7 | 65 |
| 140 | Long-term evaluation of pylorus preservation during pancreaticoduodenectomy. World Journal of Surgery, 1988, 12, 663-669. | 1.6 | 64 |
| 141 | Unique Microstructural Changes in the Brain Associated with Urological Chronic Pelvic Pain Syndrome (UCPPS) Revealed by Diffusion Tensor MRI, Super-Resolution Track Density Imaging, and Statistical Parameter Mapping: A MAPP Network Neuroimaging Study. PLoS ONE, 2015, 10, e0140250. | 2.5 | 64 |
| 142 | Increased Prevalence of Rare Sucrase-isomaltase PathogenicÂVariants in Irritable Bowel Syndrome Patients. Clinical Gastroenterology and Hepatology, 2018, 16, 1673-1676. | 4.4 | 64 |
| 143 | Alosetron and irritable bowel syndrome. Expert Opinion on Pharmacotherapy, 2003, 4, 2089-2098. | 1.8 | 61 |
| 144 | Altered functional connectivity within the central reward network in overweight and obese women. Nutrition and Diabetes, 2015, 5, e148-e148. | 3.2 | 61 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Considering Sex as a Biological Variable in Basic and Clinical Studies: An Endocrine Society Scientific Statement. Endocrine Reviews, 2021, 42, 219-258. | 20.1 | 61 |
| 146 | Early Adverse Life Events and Resting State Neural Networks in Patients With Chronic Abdominal Pain. Psychosomatic Medicine, 2014, 76, 404-412. | 2.0 | 59 |
| 147 | The activation of calcium and calcium-activated potassium channels in mammalian colonic smooth muscle by substance P.. Journal of Physiology, 1990, 420, 47-71. | 2.9 | 57 |
| 148 | Multivariate morphological brain signatures predict patients with chronic abdominal pain from healthy control subjects. Pain, 2015, 156, 1545-1554. | 4.2 | 57 |
| 149 | Regional Neuroplastic Brain Changes in Patients with Chronic Inflammatory and Non-Inflammatory Visceral Pain. PLoS ONE, 2014, 9, e84564. | 2.5 | 56 |
| 150 | Role of diet and its effects on the gut microbiome in the pathophysiology of mental disorders. Translational Psychiatry, 2022, 12, 164. | 4.8 | 55 |
| 151 | Sigmoid afferent mechanisms in patients with irritable bowel syndrome. Digestive Diseases and Sciences, 1997, 42, 1112-1120. | 2.3 | 54 |
| 152 | Enhanced preattentive central nervous system reactivity in irritable bowel syndrome. American Journal of Gastroenterology, 2002, 97, 2791-2797. | 0.4 | 54 |
| 153 | Acute tryptophan depletion alters the effective connectivity of emotional arousal circuitry during visceral stimuli in healthy women. Gut, 2011, 60, 1196-1203. | 12.1 | 54 |
| 154 | Brain White Matter Abnormalities in Female Interstitial Cystitis/Bladder Pain Syndrome: A MAPP Network Neuroimaging Study. Journal of Urology, 2015, 194, 118-126. | 0.4 | 54 |
| 155 | Randomised clinical trial: symptoms of the irritable bowel syndrome are improved by a psychoâ€education group intervention. Alimentary Pharmacology and Therapeutics, 2013, 37, 304-315. | 3.7 | 53 |
| 156 | Correlation of tryptophan metabolites with connectivity of extended central reward network in healthy subjects. PLoS ONE, 2018, 13, e0201772. | 2.5 | 53 |
| 157 | Expression of the Bitter Taste Receptor, T2R38, in Enteroendocrine Cells of the Colonic Mucosa of Overweight/Obese vs. Lean Subjects. PLoS ONE, 2016, 11, e0147468. | 2.5 | 52 |
| 158 | Altered brain responses in subjects with irritable bowel syndrome during cued and uncued pain expectation. Neurogastroenterology and Motility, 2016, 28, 127-138. | 3.0 | 52 |
| 159 | Evidence for alterations in central noradrenergic signaling in irritable bowel syndrome. NeuroImage, 2012, 63, 1854-1863. | 4.2 | 51 |
| 160 | Visceral sensitivity as a mediator of outcome in the treatment of irritable bowel syndrome. Behaviour Research and Therapy, 2012, 50, 647-650. | 3.1 | 48 |
| 161 | Disease-related differences in resting-state networks. Pain, 2015, 156, 809-819. | 4.2 | 47 |
| 162 | Gut-Brain Axis and Behavior. Nestle Nutrition Institute Workshop Series, 2017, 88, 45-54. | 0.1 | 47 |

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|---|---|---|---|
| 163 | Adverse Childhood Experiences and Symptoms of Urologic Chronic Pelvic Pain Syndrome: A Multidisciplinary Approach to the Study of Chronic Pelvic Pain Research Network Study. Annals of Behavioral Medicine, 2018, 52, 865-877. | 2.9 | 47 |
| 164 | The Role of Neurokinin 1 Receptors in the Maintenance of Visceral Hyperalgesia Induced by Repeated Stress in Rats. Gastroenterology, 2006, 130, 1729-1742. | 1.3 | 46 |
| 165 | Dual role of 5-HT3 receptors in a rat model of delayed stress-induced visceral hyperalgesia â˜†. Pain, 2007, 130, 56-65. | 4.2 | 46 |
| 166 | Regional brain activation in conscious, nonrestrained rats in response to noxious visceral stimulation. Pain, 2008, 138, 233-243. | 4.2 | 46 |
| 167 | miR-16 and miR-103 impact 5-HT4 receptor signalling and correlate with symptom profile in irritable bowel syndrome. Scientific Reports, 2017, 7, 14680. | 3.3 | 46 |
| 168 | The effect of octreotide on human gastric compliance and sensory perception. Neurogastroenterology and Motility, 1995, 7, 175-185. | 3.0 | 44 |
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