

Emeran A Mayer

List of Publications by Year in descending order

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325
papers

36,821
citations

2203

99
h-index

3476

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. <i>Gastroenterology</i> , 2002, 123, 2108-2131.	0.6	1,247
2	Gut feelings: the emerging biology of gut-brain communication. <i>Nature Reviews Neuroscience</i> , 2011, 12, 453-466.	4.9	1,226
3	Gut/brain axis and the microbiota. <i>Journal of Clinical Investigation</i> , 2015, 125, 926-938.	3.9	1,010
4	Principles and clinical implications of the brain-gut-enteric microbiota axis. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2009, 6, 306-314.	8.2	992
5	Consumption of Fermented Milk Product With Probiotic Modulates Brain Activity. <i>Gastroenterology</i> , 2013, 144, 1394-1401.e4.	0.6	925
6	Altered rectal perception is a biological marker of patients with irritable bowel syndrome. <i>Gastroenterology</i> , 1995, 109, 40-52.	0.6	903
7	Basic and clinical aspects of visceral hyperalgesia. <i>Gastroenterology</i> , 1994, 107, 271-293.	0.6	875
8	The Brain-Gut-Microbiome Axis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 6, 133-148.	2.3	735
9	Gut Microbes and the Brain: Paradigm Shift in Neuroscience. <i>Journal of Neuroscience</i> , 2014, 34, 15490-15496.	1.7	719
10	Irritable bowel syndrome. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16014.	18.1	674
11	The impact of irritable bowel syndrome on health-related quality of life. <i>Gastroenterology</i> , 2000, 119, 654-660.	0.6	643
12	Regional cerebral activity in normal and pathological perception of visceral pain. <i>Gastroenterology</i> , 1997, 112, 64-72.	0.6	535
13	The neurobiology of stress and gastrointestinal disease. <i>Gut</i> , 2000, 47, 861-869.	6.1	509
14	An update on the use and investigation of probiotics in health and disease. <i>Gut</i> , 2013, 62, 787-796.	6.1	448
15	Gut microbiome and liver diseases. <i>Gut</i> , 2016, 65, 2035-2044.	6.1	443
16	Psychometric Properties of the Early Trauma Inventory-Self Report. <i>Journal of Nervous and Mental Disease</i> , 2007, 195, 211-218.	0.5	422
17	The Brain-Gut Axis in Abdominal Pain Syndromes. <i>Annual Review of Medicine</i> , 2011, 62, 381-396.	5.0	414
18	Neonatal maternal separation alters stress-induced responses to viscerosomatic nociceptive stimuli in rat. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 282, G307-G316.	1.6	384

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19	Brain-Gut Microbiome Interactions and Functional Bowel Disorders. <i>Gastroenterology</i> , 2014, 146, 1500-1512.	0.6	383
20	Neuroimaging of the Brain-Gut Axis: From Basic Understanding to Treatment of Functional GI Disorders. <i>Gastroenterology</i> , 2006, 131, 1925-1942.	0.6	368
21	Repetitive sigmoid stimulation induces rectal hyperalgesia in patients with irritable bowel syndrome. <i>Gastroenterology</i> , 1997, 112, 55-63.	0.6	367
22	Quantitative Meta-analysis Identifies Brain Regions Activated During Rectal Distension in Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2011, 140, 91-100.	0.6	367
23	V. Stress and irritable bowel syndrome. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 280, G519-G524.	1.6	362
24	The Microbiota-Gut-Brain Axis: From Motility to Mood. <i>Gastroenterology</i> , 2021, 160, 1486-1501.	0.6	356
25	Evidence for two distinct perceptual alterations in irritable bowel syndrome. <i>Gut</i> , 1997, 41, 505-512.	6.1	352
26	Improvement in pain and bowel function in female irritable bowel patients with alosetron, a 5-HT ₃ receptor antagonist. <i>Alimentary Pharmacology and Therapeutics</i> , 1999, 13, 1149-1159.	1.9	342
27	The Visceral Sensitivity Index: development and validation of a gastrointestinal symptom-specific anxiety scale. <i>Alimentary Pharmacology and Therapeutics</i> , 2004, 20, 89-97.	1.9	342
28	Role of visceral afferent mechanisms in functional bowel disorders. <i>Gastroenterology</i> , 1990, 99, 1688-1704.	0.6	328
29	Mechanisms of hypersensitivity in IBS and functional disorders. <i>Neurogastroenterology and Motility</i> , 2007, 19, 62-88.	1.6	310
30	Evolving pathophysiologic models of functional gastrointestinal disorders. <i>Gastroenterology</i> , 2002, 122, 2032-2048.	0.6	308
31	Cerebral Activation in Patients With Irritable Bowel Syndrome and Control Subjects During Rectosigmoid Stimulation. <i>Psychosomatic Medicine</i> , 2001, 63, 365-375.	1.3	291
32	The Gut-Brain Axis and the Microbiome: Mechanisms and Clinical Implications. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 322-332.	2.4	285
33	Differential effect of long-term esophageal acid exposure on mechanosensitivity and chemosensitivity in humans. <i>Gastroenterology</i> , 1998, 115, 1363-1373.	0.6	284
34	Evidence for the hypersensitivity of lumbar splanchnic afferents in irritable bowel syndrome. <i>Gastroenterology</i> , 1994, 107, 1686-1696.	0.6	280
35	A Randomized Controlled Clinical Trial of the Serotonin Type 3 Receptor Antagonist Alosetron in Women With Diarrhea-Predominant Irritable Bowel Syndrome. <i>Archives of Internal Medicine</i> , 2001, 161, 1733.	4.3	275
36	Sex-related differences in IBS patients: central processing of visceral stimuli. <i>Gastroenterology</i> , 2003, 124, 1738-1747.	0.6	264

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37	The neural correlates of placebo effects: a disruption account. <i>NeuroImage</i> , 2004, 22, 447-455.	2.1	259
38	One-year test-retest reliability of intrinsic connectivity network fMRI in older adults. <i>NeuroImage</i> , 2012, 61, 1471-1483.	2.1	254
39	Regional Gray Matter Density Changes in Brains of Patients With Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2010, 139, 48-57.e2.	0.6	252
40	Differences in brain responses to visceral pain between patients with irritable bowel syndrome and ulcerative colitis. <i>Pain</i> , 2005, 115, 398-409.	2.0	251
41	Association Between Early Adverse Life Events and Irritable Bowel Syndrome. <i>Clinical Gastroenterology and Hepatology</i> , 2012, 10, 385-390.e3.	2.4	251
42	Symptoms and visceral perception in severe functional and organic dyspepsia. <i>Gut</i> , 1998, 42, 814-822.	6.1	246
43	An Irritable Bowel Syndrome-Specific Symptom Questionnaire: Development and Validation. <i>Scandinavian Journal of Gastroenterology</i> , 2003, 38, 947-954.	0.6	245
44	Altered brain-gut axis in autism: Comorbidity or causative mechanisms?. <i>BioEssays</i> , 2014, 36, 933-939.	1.2	245
45	Irritable Bowel Syndrome. <i>New England Journal of Medicine</i> , 2008, 358, 1692-1699.	13.9	241
46	Repeated exposure to water avoidance stress in rats: a new model for sustained visceral hyperalgesia. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 289, G42-G53.	1.6	240
47	Differences in gut microbial composition correlate with regional brain volumes in irritable bowel syndrome. <i>Microbiome</i> , 2017, 5, 49.	4.9	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. <i>Journal of Neuroscience</i> , 2008, 28, 349-359.	1.7	218
49	Dysregulation of the hypothalamic-pituitary-adrenal (HPA) axis in irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , 2009, 21, 149-159.	1.6	208
50	Towards a systems view of IBS. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2015, 12, 592-605.	8.2	207
51	Effect of Amitriptyline on Symptoms, Sleep, and Visceral Perception in Patients With Functional Dyspepsia. <i>American Journal of Gastroenterology</i> , 1998, 93, 160-165.	0.2	202
52	A cognitive-behavioral treatment for irritable bowel syndrome using interoceptive exposure to visceral sensations. <i>Behaviour Research and Therapy</i> , 2011, 49, 413-421.	1.6	198
53	The Central Role of Gastrointestinal-Specific Anxiety in Irritable Bowel Syndrome: Further Validation of the Visceral Sensitivity Index. <i>Psychosomatic Medicine</i> , 2007, 69, 89-98.	1.3	196
54	Irritable bowel syndrome patients show enhanced modulation of visceral perception by auditory stress. <i>American Journal of Gastroenterology</i> , 2003, 98, 135-143.	0.2	192

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55	Brain imaging approaches to the study of functional GI disorders: A Rome Working Team Report. <i>Neurogastroenterology and Motility</i> , 2009, 21, 579-596.	1.6	188
56	Longitudinal Change in Perceptual and Brain Activation Response to Visceral Stimuli in Irritable Bowel Syndrome Patients. <i>Gastroenterology</i> , 2006, 131, 352-365.	0.6	175
57	Differences in somatic perception in female patients with irritable bowel syndrome with and without fibromyalgia. <i>Pain</i> , 2000, 84, 297-307.	2.0	174
58	Cyclic vomiting syndrome in adults. <i>Neurogastroenterology and Motility</i> , 2008, 20, 269-284.	1.6	172
59	Symptoms and Visceral Perception in Patients With Pain-Predominant Irritable Bowel Syndrome. <i>American Journal of Gastroenterology</i> , 1999, 94, 1320-1326.	0.2	171
60	Perceptual responses in patients with inflammatory and functional bowel disease. <i>Gut</i> , 2000, 47, 497-505.	6.1	171
61	Gastroparesis and functional dyspepsia: excerpts from the AGA/ANMS meeting. <i>Neurogastroenterology and Motility</i> , 2010, 22, 113-133.	1.6	171
62	Childhood Trauma Is Associated With Hypothalamic-Pituitary-Adrenal Axis Responsiveness in Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2009, 137, 1954-1962.	0.6	167
63	Rectal afferent function in patients with inflammatory and functional intestinal disorders. <i>Pain</i> , 1996, 66, 151-161.	2.0	166
64	Sensation of bloating and visible abdominal distension in patients with irritable bowel syndrome. <i>American Journal of Gastroenterology</i> , 2001, 96, 3341-3347.	0.2	163
65	The Gut-Brain Axis. <i>Annual Review of Medicine</i> , 2022, 73, 439-453.	5.0	163
66	Clinical Determinants of Health-Related Quality of Life in Patients With Irritable Bowel Syndrome. <i>Archives of Internal Medicine</i> , 2004, 164, 1773.	4.3	158
67	Brain Structure and Response to Emotional Stimuli as Related to Gut Microbial Profiles in Healthy Women. <i>Psychosomatic Medicine</i> , 2017, 79, 905-913.	1.3	158
68	Gender differences in regional brain response to visceral pressure in IBS patients. <i>European Journal of Pain</i> , 2000, 4, 157-172.	1.4	157
69	Gut Microbiome and Obesity: A Plausible Explanation for Obesity. <i>Current Obesity Reports</i> , 2015, 4, 250-261.	3.5	154
70	Sleep Disturbances in Clinic Patients With Functional Bowel Disorders. <i>American Journal of Gastroenterology</i> , 2000, 95, 1195-1200.	0.2	145
71	Effect of Abuse History on Pain Reports and Brain Responses to Aversive Visceral Stimulation: An fMRI Study. <i>Gastroenterology</i> , 2008, 134, 396-404.	0.6	141
72	Functional GI disorders: from animal models to drug development. <i>Gut</i> , 2008, 57, 384-404.	6.1	140

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73	Brain Responses to Visceral Stimuli Reflect Visceral Sensitivity Thresholds in Patients With Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2012, 142, 463-472.e3.	0.6	139
74	Prevalence of irritable bowel syndrome among university students. <i>Journal of Psychosomatic Research</i> , 2003, 55, 501-505.	1.2	137
75	Diffusion tensor imaging detects microstructural reorganization in the brain associated with chronic irritable bowel syndrome. <i>Pain</i> , 2013, 154, 1528-1541.	2.0	134
76	Review article: modulation of the brain-gut axis as a therapeutic approach in gastrointestinal disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2006, 24, 919-933.	1.9	133
77	Irritable bowel syndrome in female patients is associated with alterations in structural brain networks. <i>Pain</i> , 2014, 155, 137-149.	2.0	132
78	Serum and Colonic Mucosal Immune Markers in Irritable Bowel Syndrome. <i>American Journal of Gastroenterology</i> , 2012, 107, 262-272.	0.2	131
79	Condition-specific deactivation of brain regions by 5-HT3 receptor antagonist Alosetron. <i>Gastroenterology</i> , 2002, 123, 969-977.	0.6	128
80	Functional Abdominal Pain Syndrome. <i>Gastroenterology</i> , 2006, 130, 1492-1497.	0.6	128
81	The MAPP research network: design, patient characterization and operations. <i>BMC Urology</i> , 2014, 14, 58.	0.6	128
82	The Effect of Life Stress on Symptoms of Heartburn. <i>Psychosomatic Medicine</i> , 2004, 66, 426-434.	1.3	127
83	Sex specific alterations in autonomic function among patients with irritable bowel syndrome. <i>Gut</i> , 2005, 54, 1396-1401.	6.1	127
84	Brain-gut-microbiome interactions in obesity and food addiction. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020, 17, 655-672.	8.2	127
85	Sex differences in brain activity during aversive visceral stimulation and its expectation in patients with chronic abdominal pain: A network analysis. <i>NeuroImage</i> , 2008, 41, 1032-1043.	2.1	126
86	Agonists of proteinase-activated receptor 1 induce plasma extravasation by a neurogenic mechanism. <i>British Journal of Pharmacology</i> , 2001, 133, 975-987.	2.7	125
87	A Dose-Ranging, Phase II Study of the Efficacy and Safety of Alosetron in Men with Diarrhea-Predominant IBS. <i>American Journal of Gastroenterology</i> , 2005, 100, 115-123.	0.2	125
88	The MAPP research network: a novel study of urologic chronic pelvic pain syndromes. <i>BMC Urology</i> , 2014, 14, 57.	0.6	123
89	Emerging disease model for functional gastrointestinal disorders. <i>American Journal of Medicine</i> , 1999, 107, 12-19.	0.6	120
90	Functional variants in the sucrase-isomaltase gene associate with increased risk of irritable bowel syndrome. <i>Gut</i> , 2018, 67, 263-270.	6.1	120

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91	Characterization of the Alternating Bowel Habit Subtype in Patients with Irritable Bowel Syndrome. <i>American Journal of Gastroenterology</i> , 2005, 100, 896-904.	0.2	113
92	The Effect of Auditory Stress on Perception of Intraesophageal Acid in Patients With Gastroesophageal Reflux Disease. <i>Gastroenterology</i> , 2008, 134, 696-705.	0.6	113
93	The effect of the 5-HT ₃ receptor antagonist, alosetron, on brain responses to visceral stimulation in irritable bowel syndrome patients. <i>Alimentary Pharmacology and Therapeutics</i> , 2002, 16, 1357-1366.	1.9	112
94	Predictors of Patient-Assessed Illness Severity in Irritable Bowel Syndrome. <i>American Journal of Gastroenterology</i> , 2008, 103, 2536-2543.	0.2	112
95	Diseases, Disorders, and Comorbidities of Interoception. <i>Trends in Neurosciences</i> , 2021, 44, 39-51.	4.2	112
96	Imaging brain mechanisms in chronic visceral pain. <i>Pain</i> , 2015, 156, S50-S63.	2.0	107
97	Brain Responses To Visceral and Somatic Stimuli in Patients With Irritable Bowel Syndrome With and Without Fibromyalgia. <i>American Journal of Gastroenterology</i> , 2003, 98, 1354-1361.	0.2	106
98	Type, Rather Than Number, of Mental and Physical Comorbidities Increases the Severity of Symptoms in Patients With Irritable Bowel Syndrome. <i>Clinical Gastroenterology and Hepatology</i> , 2013, 11, 1147-1157.	2.4	106
99	Surgically Induced Changes in Gut Microbiome and Hedonic Eating as Related to Weight Loss: Preliminary Findings in Obese Women Undergoing Bariatric Surgery. <i>Psychosomatic Medicine</i> , 2017, 79, 880-887.	1.3	105
100	A novel water-soluble selective CRF1 receptor antagonist, NBI 35965, blunts stress-induced visceral hyperalgesia and colonic motor function in rats. <i>Brain Research</i> , 2003, 985, 32-42.	1.1	102
101	Review article: gender-related differences in functional gastrointestinal disorders. <i>Alimentary Pharmacology and Therapeutics</i> , 1999, 13, 65-69.	1.9	98
102	Vasoactive Intestinal Polypeptide and Mast Cells Regulate Increased Passage of Colonic Bacteria in Patients With Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2017, 153, 948-960.e3.	0.6	98
103	Effect of sex on perception of rectosigmoid stimuli in irritable bowel syndrome. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R277-R284.	0.9	97
104	Chronic Early-life Stress in Rat Pups Alters Basal Corticosterone, Intestinal Permeability, and Fecal Microbiota at Weaning: Influence of Sex. <i>Journal of Neurogastroenterology and Motility</i> , 2017, 23, 135-143.	0.8	97
105	Corticotropin-releasing factor receptor 1 mediates acute and delayed stress-induced visceral hyperalgesia in maternally separated Long-Evans rats. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 289, G704-G712.	1.6	96
106	Patients with Chronic Visceral Pain Show Sex-Related Alterations in Intrinsic Oscillations of the Resting Brain. <i>Journal of Neuroscience</i> , 2013, 33, 11994-12002.	1.7	96
107	Effect of hypnotherapy and educational intervention on brain response to visceral stimulus in the irritable bowel syndrome. <i>Alimentary Pharmacology and Therapeutics</i> , 2013, 37, 1184-1197.	1.9	94
108	Sex-based differences in gastrointestinal pain. <i>European Journal of Pain</i> , 2004, 8, 451-463.	1.4	93

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109	Genetic Approaches to Functional Gastrointestinal Disorders. <i>Gastroenterology</i> , 2010, 138, 1276-1285.	0.6	93
110	Alterations in Resting State Oscillations and Connectivity in Sensory and Motor Networks in Women with Interstitial Cystitis/Painful Bladder Syndrome. <i>Journal of Urology</i> , 2014, 192, 947-955.	0.2	93
111	The Effects of Acute and Chronic Psychological Stress on Bladder Function in a Rodent Model. <i>Urology</i> , 2011, 78, 967.e1-967.e7.	0.5	92
112	Role of brain imaging in disorders of brain-gut interaction: a Rome Working Team Report. <i>Gut</i> , 2019, 68, 1701-1715.	6.1	91
113	Sexual Dysfunction in Patients with Irritable Bowel Syndrome and Non-Ulcer Dyspepsia. <i>Digestion</i> , 1998, 59, 79-85.	1.2	89
114	Corticotropin-Releasing Factor Receptor 1 Antagonist Alters Regional Activation and Effective Connectivity in an Emotional Arousal Circuit during Expectation of Abdominal Pain. <i>Journal of Neuroscience</i> , 2011, 31, 12491-12500.	1.7	89
115	Adverse childhood experiences are associated with irritable bowel syndrome and gastrointestinal symptom severity. <i>Neurogastroenterology and Motility</i> , 2016, 28, 1252-1260.	1.6	88
116	Irritable bowel syndrome patients show altered sensitivity to exogenous opioids. <i>Pain</i> , 2000, 87, 137-147.	2.0	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. <i>Microbiome</i> , 2019, 7, 45.	4.9	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. <i>Journal of Urology</i> , 2015, 193, 131-137.	0.2	82
119	Sex and Disease-Related Alterations of Anterior Insula Functional Connectivity in Chronic Abdominal Pain. <i>Journal of Neuroscience</i> , 2014, 34, 14252-14259.	1.7	80
120	Impaired Emotional Learning and Involvement of the Corticotropin-Releasing Factor Signaling System in Patients With Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2013, 145, 1253-1261.e3.	0.6	79
121	Delayed stress-induced colonic hypersensitivity in male Wistar rats: role of neurokinin-1 and corticotropin-releasing factor-1 receptors. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 286, G683-G691.	1.6	78
122	Systemic sclerosis is associated with specific alterations in gastrointestinal microbiota in two independent cohorts. <i>BMJ Open Gastroenterology</i> , 2017, 4, e000134.	1.1	77
123	Sex-based differences in brain alterations across chronic pain conditions. <i>Journal of Neuroscience Research</i> , 2017, 95, 604-616.	1.3	77
124	Corticotropin-releasing factor type 1 receptors mediate the visceral hyperalgesia induced by repeated psychological stress in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, G1033-G1040.	1.6	76
125	Is a negative colonoscopy associated with reassurance or improved health-related quality of life in irritable bowel syndrome?. <i>Gastrointestinal Endoscopy</i> , 2005, 62, 892-899.	0.5	74
126	Sex-dependent differences in the activity and modulation of N-methyl-d-aspartic acid receptors in rat dorsal root ganglia neurons. <i>Neuroscience</i> , 2007, 148, 1015-1020.	1.1	74

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127	The HTR3A Polymorphism c. -42C>T Is Associated With Amygdala Responsiveness in Patients With Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2011, 140, 1943-1951.	0.6	73
128	Preliminary structural MRI based brain classification of chronic pelvic pain: A MAPP network study. <i>Pain</i> , 2014, 155, 2502-2509.	2.0	73
129	Sex differences in regional brain response to aversive pelvic visceral stimuli. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R268-R276.	0.9	71
130	Depression, anxiety, and the gastrointestinal system. <i>Journal of Clinical Psychiatry</i> , 2001, 62 Suppl 8, 28-36; discussion 37.	1.1	70
131	Basic Pathophysiologic Mechanisms in Irritable Bowel Syndrome. <i>Digestive Diseases</i> , 2001, 19, 212-218.	0.8	69
132	Sex differences in emotion-related cognitive processes in irritable bowel syndrome and healthy control subjects. <i>Pain</i> , 2013, 154, 2088-2099.	2.0	69
133	Sex-Related Differences of Cortical Thickness in Patients with Chronic Abdominal Pain. <i>PLoS ONE</i> , 2013, 8, e73932.	1.1	69
134	Chronic psychological stress in high-anxiety rats induces sustained bladder hyperalgesia. <i>Physiology and Behavior</i> , 2015, 139, 541-548.	1.0	69
135	Brain networks underlying perceptual habituation to repeated aversive visceral stimuli in patients with irritable bowel syndrome. <i>NeuroImage</i> , 2009, 47, 952-960.	2.1	68
136	Patterns of brain structural connectivity differentiate normal weight from overweight subjects. <i>NeuroImage: Clinical</i> , 2015, 7, 506-517.	1.4	67
137	Substance P release in the dorsal horn assessed by receptor internalization: NMDA receptors counteract a tonic inhibition by GABA receptors. <i>European Journal of Neuroscience</i> , 1999, 11, 417-426.	1.2	66
138	Altered resting state neuromotor connectivity in men with chronic prostatitis/chronic pelvic pain syndrome: A MAPP. <i>NeuroImage: Clinical</i> , 2015, 8, 493-502.	1.4	66
139	Brain functional connectivity is associated with visceral sensitivity in women with Irritable Bowel Syndrome. <i>NeuroImage: Clinical</i> , 2017, 15, 449-457.	1.4	65
140	Long-term evaluation of pylorus preservation during pancreaticoduodenectomy. <i>World Journal of Surgery</i> , 1988, 12, 663-669.	0.8	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. <i>PLoS ONE</i> , 2015, 10, e0140250.	1.1	64
142	Increased Prevalence of Rare Sucrase-isomaltase Pathogenic Variants in Irritable Bowel Syndrome Patients. <i>Clinical Gastroenterology and Hepatology</i> , 2018, 16, 1673-1676.	2.4	64
143	Alosetron and irritable bowel syndrome. <i>Expert Opinion on Pharmacotherapy</i> , 2003, 4, 2089-2098.	0.9	61
144	Altered functional connectivity within the central reward network in overweight and obese women. <i>Nutrition and Diabetes</i> , 2015, 5, e148-e148.	1.5	61

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145	Considering Sex as a Biological Variable in Basic and Clinical Studies: An Endocrine Society Scientific Statement. <i>Endocrine Reviews</i> , 2021, 42, 219-258.	8.9	61
146	Early Adverse Life Events and Resting State Neural Networks in Patients With Chronic Abdominal Pain. <i>Psychosomatic Medicine</i> , 2014, 76, 404-412.	1.3	59
147	The activation of calcium and calcium-activated potassium channels in mammalian colonic smooth muscle by substance P.. <i>Journal of Physiology</i> , 1990, 420, 47-71.	1.3	57
148	Multivariate morphological brain signatures predict patients with chronic abdominal pain from healthy control subjects. <i>Pain</i> , 2015, 156, 1545-1554.	2.0	57
149	Regional Neuroplastic Brain Changes in Patients with Chronic Inflammatory and Non-Inflammatory Visceral Pain. <i>PLoS ONE</i> , 2014, 9, e84564.	1.1	56
150	Role of diet and its effects on the gut microbiome in the pathophysiology of mental disorders. <i>Translational Psychiatry</i> , 2022, 12, 164.	2.4	55
151	Sigmoid afferent mechanisms in patients with irritable bowel syndrome. <i>Digestive Diseases and Sciences</i> , 1997, 42, 1112-1120.	1.1	54
152	Enhanced preattentive central nervous system reactivity in irritable bowel syndrome. <i>American Journal of Gastroenterology</i> , 2002, 97, 2791-2797.	0.2	54
153	Acute tryptophan depletion alters the effective connectivity of emotional arousal circuitry during visceral stimuli in healthy women. <i>Gut</i> , 2011, 60, 1196-1203.	6.1	54
154	Brain White Matter Abnormalities in Female Interstitial Cystitis/Bladder Pain Syndrome: A MAPP Network Neuroimaging Study. <i>Journal of Urology</i> , 2015, 194, 118-126.	0.2	54
155	Randomised clinical trial: symptoms of the irritable bowel syndrome are improved by a psychoeducation group intervention. <i>Alimentary Pharmacology and Therapeutics</i> , 2013, 37, 304-315.	1.9	53
156	Correlation of tryptophan metabolites with connectivity of extended central reward network in healthy subjects. <i>PLoS ONE</i> , 2018, 13, e0201772.	1.1	53
157	Expression of the Bitter Taste Receptor, T2R38, in Enteroendocrine Cells of the Colonic Mucosa of Overweight/Obese vs. Lean Subjects. <i>PLoS ONE</i> , 2016, 11, e0147468.	1.1	52
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