

Emeran A Mayer

List of Publications by Year in descending order

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325
papers

36,821
citations

2213

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3482

182
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all docs

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docs citations

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times ranked

22415
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Exclusion Diets on Symptom Severity and the Gut Microbiota in Patients With Irritable Bowel Syndrome. <i>Clinical Gastroenterology and Hepatology</i> , 2022, 20, e465-e483.	2.4	20
2	A neuropsychosocial signature predicts longitudinal symptom changes in women with irritable bowel syndrome. <i>Molecular Psychiatry</i> , 2022, 27, 1774-1791.	4.1	9
3	Cognitive flexibility improves in cognitive behavioral therapy for irritable bowel syndrome but not nonspecific education/support. <i>Behaviour Research and Therapy</i> , 2022, 154, 104033.	1.6	7
4	Functional brain rewiring and altered cortical stability in ulcerative colitis. <i>Molecular Psychiatry</i> , 2022, 27, 1792-1804.	4.1	11
5	The Gut-Brain Axis. <i>Annual Review of Medicine</i> , 2022, 73, 439-453.	5.0	163
6	Obesity is associated with a distinct brain-gut microbiome signature that connects <i>Prevotella</i> and <i>Bacteroides</i> to the brain's reward center. <i>Gut Microbes</i> , 2022, 14, 2051999.	4.3	28
7	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
8	The visceral sensitivity index: A novel tool for measuring GI-symptom-specific anxiety in inflammatory bowel disease. <i>Neurogastroenterology and Motility</i> , 2022, 34, e14384.	1.6	4
9	Brain structure and function changes in inflammatory bowel disease. <i>NeuroImage Reports</i> , 2022, 2, 100097.	0.5	2
10	The hidden link between circadian entropy and mental health disorders. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	15
11	Diseases, Disorders, and Comorbidities of Interoception. <i>Trends in Neurosciences</i> , 2021, 44, 39-51.	4.2	112
12	Association between pain sensitivity and gray matter properties in the sensorimotor network in women with irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , 2021, 33, e14027.	1.6	8
13	Altered brain structural connectivity in patients with longstanding gut inflammation is correlated with psychological symptoms and disease duration. <i>NeuroImage: Clinical</i> , 2021, 30, 102613.	1.4	19
14	Brain-Gut-Microbiome Interactions and Intermittent Fasting in Obesity. <i>Nutrients</i> , 2021, 13, 584.	1.7	26
15	Alterations in reward network functional connectivity are associated with increased food addiction in obese individuals. <i>Scientific Reports</i> , 2021, 11, 3386.	1.6	32
16	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
17	The Microbiota-Gut-Brain Axis: From Motility to Mood. <i>Gastroenterology</i> , 2021, 160, 1486-1501.	0.6	356
18	Dysregulation in Sphingolipid Signaling Pathways is Associated With Symptoms and Functional Connectivity of Pain Processing Brain Regions in Provoked Vestibulodynia. <i>Journal of Pain</i> , 2021, 22, 1586-1605.	0.7	2

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19	The Colonic Mucosal MicroRNAs, MicroRNA-219a-5p, and MicroRNA-338-3p Are Downregulated in Irritable Bowel Syndrome and Are Associated With Barrier Function and MAPK Signaling. <i>Gastroenterology</i> , 2021, 160, 2409-2422.e19.	0.6	26
20	The alternative serotonin transporter promoter P2 impacts gene function in females with irritable bowel syndrome. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 8047-8061.	1.6	5
21	Small intestinal immunopathology and GI-associated antibody formation in hereditary alpha-tryptasemia. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 813-821.e7.	1.5	17
22	Early life adversity predicts brain-gut alterations associated with increased stress and mood. <i>Neurobiology of Stress</i> , 2021, 15, 100348.	1.9	22
23	Altered Structural Covariance of Insula, Cerebellum and Prefrontal Cortex Is Associated with Somatic Symptom Levels in Irritable Bowel Syndrome (IBS). <i>Brain Sciences</i> , 2021, 11, 1580.	1.1	4
24	Cognitive behavioral therapy for irritable bowel syndrome induces bidirectional alterations in the brain-gut-microbiome axis associated with gastrointestinal symptom improvement. <i>Microbiome</i> , 2021, 9, 236.	4.9	34
25	Brain structure and function changes in ulcerative colitis. <i>NeuroImage Reports</i> , 2021, 1, 100064.	0.5	4
26	The Brain-Gut-Microbiome System: Pathways and Implications for Autism Spectrum Disorder. <i>Nutrients</i> , 2021, 13, 4497.	1.7	29
27	Neuroimaging and biomarkers in functional gastrointestinal disorders: What the scientists and clinicians need to know about basic neuroimaging, biomarkers, microbiome, gut and brain interactions. , 2020, , 31-61.		2
28	Chronic pain in children: structural and resting-state functional brain imaging within a developmental perspective. <i>Pediatric Research</i> , 2020, 88, 840-849.	1.1	21
29	Risk and Protective Factors Related to Early Adverse Life Events in Irritable Bowel Syndrome. <i>Journal of Clinical Gastroenterology</i> , 2020, 54, 63-69.	1.1	28
30	Study protocol of the Bergen brain-gut-microbiota-axis study. <i>Medicine (United States)</i> , 2020, 99, e21950.	0.4	11
31	Improvement in Uncontrolled Eating Behavior after Laparoscopic Sleeve Gastrectomy Is Associated with Alterations in the Brain-Gut Microbiome Axis in Obese Women. <i>Nutrients</i> , 2020, 12, 2924.	1.7	20
32	Understanding the Heterogeneity of Obesity and the Relationship to the Brain-Gut Axis. <i>Nutrients</i> , 2020, 12, 3701.	1.7	7
33	The Seminal Microbiome and Male Factor Infertility. <i>Current Sexual Health Reports</i> , 2020, 12, 202-207.	0.4	14
34	A Distinct Brain-Gut Microbiome Profile Exists for Females with Obesity and Food Addiction. <i>Obesity</i> , 2020, 28, 1477-1486.	1.5	43
35	Mo1157 DIFFERENCES IN BRAIN SIGNATURES IN ULCERATIVE COLITIS AND IRRITABLE BOWEL SYNDROME. <i>Gastroenterology</i> , 2020, 158, S-806.	0.6	1
36	Analysis of brain networks and fecal metabolites reveals brain-gut alterations in premenopausal females with irritable bowel syndrome. <i>Translational Psychiatry</i> , 2020, 10, 367.	2.4	17

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37	Brain-gut-microbiome interactions in obesity and food addiction. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020, 17, 655-672.	8.2	127
38	Postmenopausal women with irritable bowel syndrome (IBS) have more severe symptoms than premenopausal women with IBS. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13913.	1.6	17
39	Sex Differences and Commonalities in the Impact of a Palatable Meal on Thalamic and Insular Connectivity. <i>Nutrients</i> , 2020, 12, 1627.	1.7	3
40	Brain Resting-State Network Alterations Associated With Crohn's Disease. <i>Frontiers in Neurology</i> , 2020, 11, 48.	1.1	33
41	Importance of trauma-related fear in patients with irritable bowel syndrome and early adverse life events. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13896.	1.6	9
42	On Functional Connectivity and Symptom Relief After Gut-directed Hypnotherapy in Irritable Bowel Syndrome: A Preliminary Study. <i>Journal of Neurogastroenterology and Motility</i> , 2019, 25, 478-479.	0.8	5
43	μ -opioid receptor, δ -endorphin, and cannabinoid receptor are increased in the colonic mucosa of irritable bowel syndrome patients. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13688.	1.6	25
44	History of early life adversity is associated with increased food addiction and sex-specific alterations in reward network connectivity in obesity. <i>Obesity Science and Practice</i> , 2019, 5, 416-436.	1.0	29
45	Impact of early adverse life events and sex on functional brain networks in patients with urological chronic pelvic pain syndrome (UCPPS): A MAPP Research Network study. <i>PLoS ONE</i> , 2019, 14, e0217610.	1.1	15
46	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
47	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
48	Negative Events During Adulthood Are Associated With Symptom Severity and Altered Stress Response in Patients With Irritable Bowel Syndrome. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 2245-2252.	2.4	21
49	Gut microbes and behavior. <i>Current Opinion in Behavioral Sciences</i> , 2019, 28, 72-77.	2.0	7
50	Sex differences in insular functional connectivity in response to noxious visceral stimulation in rats. <i>Brain Research</i> , 2019, 1717, 15-26.	1.1	10
51	Gut Microbiome and Modulation of CNS Function. , 2019, 10, 57-72.		40
52	Psychobiotics: Shaping the Mind With Gut Bacteria. <i>American Journal of Gastroenterology</i> , 2019, 114, 1034-1035.	0.2	7
53	Altered gray matter volume in sensorimotor and thalamic regions associated with pain in localized provoked vulvodynia: a voxel-based morphometry study. <i>Pain</i> , 2019, 160, 1529-1540.	2.0	19
54	Interactions between gut permeability and brain structure and function in health and irritable bowel syndrome. <i>NeuroImage: Clinical</i> , 2019, 21, 101602.	1.4	31

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55	The Gut-Brain Axis and the Microbiome: Mechanisms and Clinical Implications. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 322-332.	2.4	285
56	Alterations in Cortical Thickness and Subcortical Volume are Associated With Neurological Symptoms and Neck Pain in Patients With Cervical Spondylosis. <i>Neurosurgery</i> , 2019, 84, 588-598.	0.6	26
57	Predictors of Health-related Quality of Life in Irritable Bowel Syndrome Patients Compared With Healthy Individuals. <i>Journal of Clinical Gastroenterology</i> , 2019, 53, e142-e149.	1.1	27
58	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
59	The Brain-Gut-Microbiome Axis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 6, 133-148.	2.3	735
60	Adverse Childhood Experiences and Symptoms of Urologic Chronic Pelvic Pain Syndrome: A Multidisciplinary Approach to the Study of Chronic Pelvic Pain Research Network Study. <i>Annals of Behavioral Medicine</i> , 2018, 52, 865-877.	1.7	47
61	Disease-Related Microstructural Differences in the Brain in Women With Provoked Vestibulodynia. <i>Journal of Pain</i> , 2018, 19, 528.e1-528.e15.	0.7	15
62	Sex Commonalities and Differences in Obesity-Related Alterations in Intrinsic Brain Activity and Connectivity. <i>Obesity</i> , 2018, 26, 340-350.	1.5	19
63	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
64	Resilience is decreased in irritable bowel syndrome and associated with symptoms and cortisol response. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13155.	1.6	39
65	Changes in brain white matter structure are associated with urine proteins in urologic chronic pelvic pain syndrome (UCPPS): A MAPP Network study. <i>PLoS ONE</i> , 2018, 13, e0206807.	1.1	8
66	Sigmoid colon mucosal gene expression supports alterations of neuronal signaling in irritable bowel syndrome with constipation. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G140-G157.	1.6	18
67	Correlation of tryptophan metabolites with connectivity of extended central reward network in healthy subjects. <i>PLoS ONE</i> , 2018, 13, e0201772.	1.1	53
68	1059 - Glutamate and Hedonic Eating: Role of the Brain-Gut-Microbiome Axis on Changes on Hedonic Eating after Bariatric Surgery. <i>Gastroenterology</i> , 2018, 154, S-201.	0.6	2
69	751 - Dynamic Changes in Gut Microbial Derived Indole and Phenol Products after Bariatric Surgery and its Relationship to Weight Loss. <i>Gastroenterology</i> , 2018, 154, S-158.	0.6	2
70	The Role of Gut-Brain Interactions in Influencing Symptoms of Irritable Bowel Syndrome. <i>Gastroenterology and Hepatology</i> , 2018, 14, 44-46.	0.2	2
71	Early adverse life events are associated with altered brain network architecture in a sex-dependent manner. <i>Neurobiology of Stress</i> , 2017, 7, 16-26.	1.9	43
72	Gene expression profiles in peripheral blood mononuclear cells correlate with salience network activity in chronic visceral pain: A pilot study. <i>Neurogastroenterology and Motility</i> , 2017, 29, e13027.	1.6	18

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73	Differences in gut microbial composition correlate with regional brain volumes in irritable bowel syndrome. <i>Microbiome</i> , 2017, 5, 49.	4.9	228
74	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
75	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
76	Sex differences in the influence of body mass index on anatomical architecture of brain networks. <i>International Journal of Obesity</i> , 2017, 41, 1185-1195.	1.6	26
77	Gut-Brain Axis and Behavior. <i>Nestle Nutrition Institute Workshop Series</i> , 2017, 88, 45-54.	1.5	47
78	miR-16 and miR-103 impact 5-HT4 receptor signalling and correlate with symptom profile in irritable bowel syndrome. <i>Scientific Reports</i> , 2017, 7, 14680.	1.6	46
79	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
80	Acceptance-based interoceptive exposure for young children with functional abdominal pain. <i>Behaviour Research and Therapy</i> , 2017, 97, 200-212.	1.6	30
81	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
82	The effect of the GLP-1 analogue Exenatide on functional connectivity within an NTS-based network in women with and without obesity. <i>Obesity Science and Practice</i> , 2017, 3, 434-445.	1.0	27
83	The Clinical Significance of Posterior Insular Volume in Adolescent Anorexia Nervosa. <i>Psychosomatic Medicine</i> , 2017, 79, 1025-1035.	1.3	8
84	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
85	Sex-based differences in brain alterations across chronic pain conditions. <i>Journal of Neuroscience Research</i> , 2017, 95, 604-616.	1.3	77
86	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
87	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
88	Genome-wide DNA methylation profiling of peripheral blood mononuclear cells in irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , 2016, 28, 410-422.	1.6	29
89	Gut microbiome and liver diseases. <i>Gut</i> , 2016, 65, 2035-2044.	6.1	443
90	The effect of sex and irritable bowel syndrome on HPA axis response and peripheral glucocorticoid receptor expression. <i>Psychoneuroendocrinology</i> , 2016, 69, 67-76.	1.3	43

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91	Multisite, multimodal neuroimaging of chronic urological pelvic pain: Methodology of the MAPP Research Network. <i>NeuroImage: Clinical</i> , 2016, 12, 65-77.	1.4	29
92	Corticotropin-releasing hormone receptor 1 (CRH-R1) polymorphisms are associated with irritable bowel syndrome and acoustic startle response. <i>Psychoneuroendocrinology</i> , 2016, 73, 133-141.	1.3	8
93	Altered brain responses in subjects with irritable bowel syndrome during cued and uncued pain expectation. <i>Neurogastroenterology and Motility</i> , 2016, 28, 127-138.	1.6	52
94	Irritable bowel syndrome. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16014.	18.1	674
95	Brain white matter changes associated with urological chronic pelvic pain syndrome: multisite neuroimaging from a MAPP case-control study. <i>Pain</i> , 2016, 157, 2782-2791.	2.0	43
96	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
97	Mo1948 Bariatric Surgery Is Associated With Changes in the Brain's Reward System Architecture and Eating Behaviors. <i>Gastroenterology</i> , 2016, 150, S824.	0.6	2
98	Su1569 Children With Functional Gastrointestinal Disorders Display Structural Brain Alterations Compared to Healthy Control Subjects. <i>Gastroenterology</i> , 2016, 150, S529.	0.6	1
99	Placebo analgesia: Self-report measures and preliminary evidence of cortical dopamine release associated with placebo response. <i>NeuroImage: Clinical</i> , 2016, 10, 107-114.	1.4	20
100	Early life stress elicits visceral hyperalgesia and functional reorganization of pain circuits in adult rats. <i>Neurobiology of Stress</i> , 2016, 3, 8-22.	1.9	35
101	Interactions of early adversity with stress-related gene polymorphisms impact regional brain structure in females. <i>Brain Structure and Function</i> , 2016, 221, 1667-1679.	1.2	26
102	Pain and Interoception Imaging Network (PAIN): A multimodal, multisite, brain-imaging repository for chronic somatic and visceral pain disorders. <i>NeuroImage</i> , 2016, 124, 1232-1237.	2.1	26
103	Limited Nesting Stress Alters Maternal Behavior and In Vivo Intestinal Permeability in Male Wistar Pup Rats. <i>PLoS ONE</i> , 2016, 11, e0155037.	1.1	41
104	Altered viscerotopic cortical innervation in patients with irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , 2015, 27, 1075-1081.	1.6	21
105	Multivariate morphological brain signatures predict patients with chronic abdominal pain from healthy control subjects. <i>Pain</i> , 2015, 156, 1545-1554.	2.0	57
106	Identification of Spinal Cord MicroRNA and Gene Signatures in a Model of Chronic Stress-Induced Visceral Hyperalgesia in Rat. <i>PLoS ONE</i> , 2015, 10, e0130938.	1.1	12
107	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
108	Gut/brain axis and the microbiota. <i>Journal of Clinical Investigation</i> , 2015, 125, 926-938.	3.9	1,010

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109	Chronic psychological stress in high-anxiety rats induces sustained bladder hyperalgesia. <i>Physiology and Behavior</i> , 2015, 139, 541-548.	1.0	69
110	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
111	Patterns of brain structural connectivity differentiate normal weight from overweight subjects. <i>NeuroImage: Clinical</i> , 2015, 7, 506-517.	1.4	67
112	Deep Brain Stimulation for Obsessive Compulsive Disorder Reduces Symptoms of Irritable Bowel Syndrome in a Single Patient. <i>Clinical Gastroenterology and Hepatology</i> , 2015, 13, 1371-1374.e3.	2.4	9
113	Disease-related differences in resting-state networks. <i>Pain</i> , 2015, 156, 809-819.	2.0	47
114	Sa2014 IBS Patients Show Altered Brain Responses During Uncertain, but Not Certain Expectation of Painful Stimulation of the Abdominal Wall. <i>Gastroenterology</i> , 2015, 148, S-384.	0.6	2
115	752 Regional Brain Morphology Is Associated With Gut Microbial Metabolites in Irritable Bowel Syndrome (IBS). <i>Gastroenterology</i> , 2015, 148, S-142.	0.6	4
116	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
117	Imaging brain mechanisms in chronic visceral pain. <i>Pain</i> , 2015, 156, S50-S63.	2.0	107
118	Gut Microbiome and Obesity: A Plausible Explanation for Obesity. <i>Current Obesity Reports</i> , 2015, 4, 250-261.	3.5	154
119	Sex commonalities and differences in the relationship between resilient personality and the intrinsic connectivity of the salience and default mode networks. <i>Biological Psychology</i> , 2015, 112, 107-115.	1.1	20
120	Towards a systems view of IBS. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2015, 12, 592-605.	8.2	207
121	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
122	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
123	Serotonin Transporter Gene Polymorphism Modulates Activity and Connectivity within an Emotional Arousal Network of Healthy Men during an Aversive Visceral Stimulus. <i>PLoS ONE</i> , 2015, 10, e0123183.	1.1	9
124	Catecholaminergic Gene Polymorphisms Are Associated with GI Symptoms and Morphological Brain Changes in Irritable Bowel Syndrome. <i>PLoS ONE</i> , 2015, 10, e0135910.	1.1	18
125	Negative Feedback of the Hypothalamic Pituitary Adrenal (HPA) Axis as Assessed by the Dexamethasone-Corticotropin Releasing Factor (CRF) Test in Irritable Bowel Syndrome (IBS). <i>American Journal of Gastroenterology</i> , 2015, 110, S755-S756.	0.2	1
126	The perfect neuroimaging-genetics-computation storm: collision of petabytes of data, millions of hardware devices and thousands of software tools. <i>Brain Imaging and Behavior</i> , 2014, 8, 311-22.	1.1	15

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127	Regional Neuroplastic Brain Changes in Patients with Chronic Inflammatory and Non-Inflammatory Visceral Pain. PLoS ONE, 2014, 9, e84564.	1.1	56
128	Stress Reactivity in Traditional Chinese Medicine-Based Subgroups of Patients with Irritable Bowel Syndrome. Journal of Alternative and Complementary Medicine, 2014, 20, 276-283.	2.1	3
129	Preliminary structural MRI based brain classification of chronic pelvic pain: A MAPP network study. Pain, 2014, 155, 2502-2509.	2.0	73
130	Early Adverse Life Events and Resting State Neural Networks in Patients With Chronic Abdominal Pain. Psychosomatic Medicine, 2014, 76, 404-412.	1.3	59
131	585 Architecture of Anatomical Brain Networks Differs in Irritable Bowel Syndrome Compared to Healthy Controls. Gastroenterology, 2014, 146, S-109.	0.6	2
132	Irritable bowel syndrome in female patients is associated with alterations in structural brain networks. Pain, 2014, 155, 137-149.	2.0	132
133	Brain-Gut Microbiome Interactions and Functional Bowel Disorders. Gastroenterology, 2014, 146, 1500-1512.	0.6	383
134	Gut Microbes and the Brain: Paradigm Shift in Neuroscience. Journal of Neuroscience, 2014, 34, 15490-15496.	1.7	719
135	Sex and Disease-Related Alterations of Anterior Insula Functional Connectivity in Chronic Abdominal Pain. Journal of Neuroscience, 2014, 34, 14252-14259.	1.7	80
136	Altered brain-gut axis in autism: Comorbidity or causative mechanisms?. BioEssays, 2014, 36, 933-939.	1.2	245
137	The MAPP research network: a novel study of urologic chronic pelvic pain syndromes. BMC Urology, 2014, 14, 57.	0.6	123
138	The MAPP research network: design, patient characterization and operations. BMC Urology, 2014, 14, 58.	0.6	128
139	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.	0.2	93
140	Influence of Sucrose Ingestion on Brainstem and Hypothalamic Intrinsic Oscillations in Lean and Obese Women. Gastroenterology, 2014, 146, 1212-1221.	0.6	39
141	Widespread Hyperalgesia in Adolescents With Symptoms of Irritable Bowel Syndrome: Results From a Large Population-Based Study. Journal of Pain, 2014, 15, 898-906.	0.7	21
142	Autonomic response to a visceral stressor is dysregulated in irritable bowel syndrome and correlates with duration of disease. Neurogastroenterology and Motility, 2013, 25, e650-9.	1.6	37
143	Sex differences in emotion-related cognitive processes in irritable bowel syndrome and healthy control subjects. Pain, 2013, 154, 2088-2099.	2.0	69
144	Diffusion tensor imaging detects microstructural reorganization in the brain associated with chronic irritable bowel syndrome. Pain, 2013, 154, 1528-1541.	2.0	134

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145	Gut sensations “Not so gut specific after all?. Pain, 2013, 154, 627-628.	2.0	2
146	An update on the use and investigation of probiotics in health and disease. Gut, 2013, 62, 787-796.	6.1	448
147	Impaired Emotional Learning and Involvement of the Corticotropin-Releasing Factor Signaling System in Patients With Irritable Bowel Syndrome. Gastroenterology, 2013, 145, 1253-1261.e3.	0.6	79
148	Diminished neurokinin-1 receptor availability in patients with two forms of chronic visceral pain. Pain, 2013, 154, 987-996.	2.0	26
149	Randomised clinical trial: symptoms of the irritable bowel syndrome are improved by a psychoeducation group intervention. Alimentary Pharmacology and Therapeutics, 2013, 37, 304-315.	1.9	53
150	Consumption of Fermented Milk Product With Probiotic Modulates Brain Activity. Gastroenterology, 2013, 144, 1394-1401.e4.	0.6	925
151	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.	2.4	106
152	A Combined Nutrient and Lactulose Challenge Test Allows Symptom-Based Clustering of Patients With Irritable Bowel Syndrome. American Journal of Gastroenterology, 2013, 108, 786-795.	0.2	35
153	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.	1.9	94
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