

Fanrong Liang

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

3,715
citations

136950

32
h-index

155660

55
g-index

110
all docs

110
docs citations

110
times ranked

3275
citing authors

#	ARTICLE	IF	CITATIONS
1	The Long-term Effect of Acupuncture for Migraine Prophylaxis. JAMA Internal Medicine, 2017, 177, 508.	5.1	256
2	Characterizing Acupuncture Stimuli Using Brain Imaging with fMRI - A Systematic Review and Meta-Analysis of the Literature. PLoS ONE, 2012, 7, e32960.	2.5	211
3	Acupuncture as Adjunctive Therapy for Chronic Stable Angina. JAMA Internal Medicine, 2019, 179, 1388.	5.1	152
4	Randomised clinical trial: an assessment of acupuncture on specific meridian or specific acupoint vs. sham acupuncture for treating functional dyspepsia. Alimentary Pharmacology and Therapeutics, 2012, 35, 552-561.	3.7	151
5	Altered periaqueductal gray resting state functional connectivity in migraine and the modulation effect of treatment. Scientific Reports, 2016, 6, 20298.	3.3	112
6	Abnormal Resting Brain Activity in Patients With Functional Dyspepsia Is Related to Symptom Severity. Gastroenterology, 2011, 141, 499-506.	1.3	106
7	Reduced Fractional Anisotropy of Corpus Callosum Modulates Inter-Hemispheric Resting State Functional Connectivity in Migraine Patients without Aura. PLoS ONE, 2012, 7, e45476.	2.5	105
8	Altered Structure and Resting-State Functional Connectivity of the Basal Ganglia in Migraine Patients Without Aura. Journal of Pain, 2013, 14, 836-844.	1.4	101
9	Hierarchical Alteration of Brain Structural and Functional Networks in Female Migraine Sufferers. PLoS ONE, 2012, 7, e51250.	2.5	98
10	Influence of Acupuncture Treatment on Cerebral Activity in Functional Dyspepsia Patients and Its Relationship With Efficacy. American Journal of Gastroenterology, 2012, 107, 1236-1247.	0.4	96
11	Regional homogeneity abnormalities in patients with interictal migraine without aura: a resting-state study. NMR in Biomedicine, 2012, 25, 806-812.	2.8	95
12	Acupuncture for Treating Acute Attacks of Migraine: A Randomized Controlled Trial. Headache, 2009, 49, 805-816.	3.9	91
13	Acupuncture modulates the abnormal brainstem activity in migraine without aura patients. Neurolmage: Clinical, 2017, 15, 367-375.	2.7	79
14	A PET-CT study on the specificity of acupoints through acupuncture treatment in migraine patients. BMC Complementary and Alternative Medicine, 2012, 12, 123.	3.7	78
15	An fMRI-based neural marker for migraine without aura. Neurology, 2020, 94, e741-e751.	1.1	77
16	Alterations in regional homogeneity assessed by fMRI in patients with migraine without aura stratified by disease duration. Journal of Headache and Pain, 2013, 14, 85.	6.0	70
17	Acupuncture Promotes Angiogenesis after Myocardial Ischemia through H3K9 Acetylation Regulation at VEGF Gene. PLoS ONE, 2014, 9, e94604.	2.5	69
18	Effects of Long-Term Acupuncture Treatment on Resting-State Brain Activity in Migraine Patients: A Randomized Controlled Trial on Active Acupoints and Inactive Acupoints. PLoS ONE, 2014, 9, e99538.	2.5	69

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19	White-Matter Microstructural Changes in Functional Dyspepsia: A Diffusion Tensor Imaging Study. American Journal of Gastroenterology, 2013, 108, 260-269.	0.4	62
20	Migraine-Related Gray Matter and White Matter Changes at a 1-Year Follow-Up Evaluation. Journal of Pain, 2013, 14, 1703-1708.	1.4	61
21	Gender-Related Differences in the Dysfunctional Resting Networks of Migraine Sufferers. PLoS ONE, 2011, 6, e27049.	2.5	59
22	Disrupted resting-state functional connectivity and its changing trend in migraine sufferers. Human Brain Mapping, 2015, 36, 1892-1907.	3.6	55
23	Moxibustion for pain relief in patients with primary dysmenorrhea: A randomized controlled trial. PLoS ONE, 2017, 12, e0170952.	2.5	55
24	The altered right frontoparietal network functional connectivity in migraine and the modulation effect of treatment. Cephalalgia, 2017, 37, 161-176.	3.9	54
25	The Microstructural Status of the Corpus Callosum Is Associated with the Degree of Motor Function and Neurological Deficit in Stroke Patients. PLoS ONE, 2015, 10, e0122615.	2.5	53
26	Electroacupuncture stimulation at sub-specific acupoint and non-acupoint induced distinct brain glucose metabolism change in migraineurs: a PET-CT study. Journal of Translational Medicine, 2014, 12, 351.	4.4	46
27	A Targeted Metabolomics MRM-MS Study on Identifying Potential Hypertension Biomarkers in Human Plasma and Evaluating Acupuncture Effects. Scientific Reports, 2016, 6, 25871.	3.3	42
28	Acupoint Catgut Embedding for Obesity: Systematic Review and Meta-Analysis. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-20.	1.2	39
29	The Status of the Quality Control in Acupuncture-Neuroimaging Studies. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-14.	1.2	38
30	¹ H NMR-based metabonomic study on the metabolic changes in the plasma of patients with functional dyspepsia and the effect of acupuncture. Journal of Pharmaceutical and Biomedical Analysis, 2010, 51, 698-704.	2.8	36
31	Identifying Neural Patterns of Functional Dyspepsia Using Multivariate Pattern Analysis: A Resting-State fMRI Study. PLoS ONE, 2013, 8, e68205.	2.5	36
32	Brain-based Correlations Between Psychological Factors and Functional Dyspepsia. Journal of Neurogastroenterology and Motility, 2015, 21, 103-110.	2.4	35
33	The Spontaneous Activity Pattern of the Middle Occipital Gyrus Predicts the Clinical Efficacy of Acupuncture Treatment for Migraine Without Aura. Frontiers in Neurology, 2020, 11, 588207.	2.4	33
34	Abnormal Brain Activity Changes in Patients with Migraine: A Short-Term Longitudinal Study. Journal		

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37	Expertise modulates local regional homogeneity of spontaneous brain activity in the resting brain: An fMRI study using the model of skilled acupuncturists. Human Brain Mapping, 2014, 35, 1074-1084.	3.6	30
38	Differential cerebral response to somatosensory stimulation of an acupuncture point vs. two non-acupuncture points measured with EEG and fMRI. Frontiers in Human Neuroscience, 2015, 9, 74.	2.0	29
39	Concurrent brain structural and functional alterations in patients with migraine without aura: an fMRI study. Journal of Headache and Pain, 2020, 21, 141.	6.0	29
40	Fractional amplitude of low-frequency fluctuation changes in functional dyspepsia: A resting-state fMRI study. Magnetic Resonance Imaging, 2013, 31, 996-1000.	1.8	27
41	The Mechanism of Acupuncture in Treating Essential Hypertension: A Narrative Review. International Journal of Hypertension, 2019, 2019, 1-10.	1.3	27
42	Genetic contribution of catechol-O-methyltransferase in hippocampal structural and functional changes of female migraine sufferers. Human Brain Mapping, 2015, 36, 1782-1795.	3.6	26
43	Whole-Brain Functional Connectivity Identification of Functional Dyspepsia. PLoS ONE, 2013, 8, e65870.	2.5	25
44	Increased interhemispheric resting-state functional connectivity in functional dyspepsia: a pilot study. NMR in Biomedicine, 2013, 26, 410-415.	2.8	24
45	The participation of basolateral amygdala in the efficacy of acupuncture with deqi treating for functional dyspepsia. Brain Imaging and Behavior, 2021, 15, 216-230.	2.1	24
46	Regional Brain Structural Abnormality in Meal-Related Functional Dyspepsia Patients: A Voxel-Based Morphometry Study. PLoS ONE, 2013, 8, e68383.	2.5	24
47	Altered baseline brain activity in experts measured by amplitude of low frequency fluctuations (ALFF): a resting state fMRI study using expertise model of acupuncturists. Frontiers in Human Neuroscience, 2015, 9, 99.	2.0	23
48	Randomized controlled trial to treat migraine with acupuncture: design and protocol. Trials, 2008, 9, 57.	1.6	22
49	Sustained Effects of Acupuncture Stimulation Investigated with Centrality Mapping Analysis. Frontiers in Human Neuroscience, 2016, 10, 510.	2.0	21
50	Altered Functional Connectivity of the Amygdala and Sex Differences in Functional Dyspepsia. Clinical and Translational Gastroenterology, 2019, 10, e00046.	2.5	21
51	Resting-State Functional Connectivity Patterns Predict Acupuncture Treatment Response in Primary Dysmenorrhea. Frontiers in Neuroscience, 2020, 14, 559191.	2.8	21
52	Discovery of Acupoints and Combinations with Potential to Treat Vascular Dementia: A Data Mining Analysis. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-12.	1.2	20
53	Acupuncture for Lateral Epicondylitis: A Systematic Review. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-13.	1.2	20
54	Acupuncture therapy for angina pectoris: a systematic review. Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine, 2012, 32, 494-501.	0.4	19

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55	The trade-off between wiring cost and network topology in white matter structural networks in health and migraine. <i>Experimental Neurology</i> , 2013, 248, 196-204.	4.1	19
56	Altered structural covariance of the striatum in functional dyspepsia patients. <i>Neurogastroenterology and Motility</i> , 2014, 26, 1144-1154.	3.0	19
57	Electroacupuncture at Acupoints Reverses Plasma Glutamate, Lipid, and LDL/VLDL in an Acute Migraine Rat Model: A ¹ H NMR-Based Metabolomic Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-14.	1.2	18
58	Electroacupuncture inhibits weight gain in diet-induced obese rats by activating hypothalamic LKB1-AMPK signaling. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 147.	3.7	18
59	Effectiveness of Chinese massage therapy (Tui Na) for chronic low back pain: study protocol for a randomized controlled trial. <i>Trials</i> , 2014, 15, 418.	1.6	17
60	Revealing the Neural Mechanism Underlying the Effects of Acupuncture on Migraine: A Systematic Review. <i>Frontiers in Neuroscience</i> , 2021, 15, 674852.	2.8	17
61	Evaluating the prophylaxis and long-term effectiveness of acupuncture for migraine without aura: study protocol for a randomized controlled trial. <i>Trials</i> , 2013, 14, 361.	1.6	16
62	Effectiveness of Acupuncture for Lateral Epicondylitis: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Pain Research and Management</i> , 2020, 2020, 1-10.	1.8	16
63	Regional Homogeneity Abnormalities Affected by Depressive Symptoms in Migraine Patients without Aura: A Resting State Study. <i>PLoS ONE</i> , 2013, 8, e77933.	2.5	15
64	Different Cerebral Responses to Puncturing at ST36 among Patients with Functional Dyspepsia and Healthy Subjects. <i>Research in Complementary Medicine</i> , 2014, 21, 99-104.	2.2	15
65	Which Subtype of Functional Dyspepsia Patients Responses Better to Acupuncture? A Retrospective Analysis of a Randomized Controlled Trial. <i>Complementary Medicine Research</i> , 2015, 22, 94-100.	1.2	15
66	Use of moxibustion to treat primary dysmenorrhea at two interventional times: study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 35.	1.6	15
67	Acupuncture for chronic, stable angina pectoris and an investigation of the characteristics of acupoint specificity: study protocol for a multicenter randomized controlled trial. <i>Trials</i> , 2014, 15, 50.	1.6	13
68	Association of Pre- and Post-Treatment Expectations with Improvements after Acupuncture in Patients with Migraine. <i>Acupuncture in Medicine</i> , 2015, 33, 121-128.	1.0	13
69	The central mechanism of acupuncture treatment with a long-lasting effect for functional dyspepsia: study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 373.	1.6	13
70	Abnormal amygdala resting-state functional connectivity in primary dysmenorrhea. <i>NeuroReport</i> , 2019, 30, 363-368.	1.2	13
71	Bibliometric Analysis of Functional Magnetic Resonance Imaging Studies on Acupuncture Analgesia Over the Past 20 Years. <i>Journal of Pain Research</i> , 2021, Volume 14, 3773-3789.	2.0	13
72	Acupoint Application in Patients with Chronic Stable Angina Pectoris: Study Protocol of a Randomized, Double-Blind, Controlled Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-8.	1.2	12

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73	Does the Acupoint Specificity Exist? Evidence from Functional Neuroimaging Studies. <i>Current Medical Imaging</i> , 2020, 16, 629-638.	0.8	12
74	Effectiveness of additional self-care acupressure for women with menstrual pain compared to usual care alone: using stakeholder engagement to design a pragmatic randomized trial and study protocol. <i>Trials</i> , 2013, 14, 99.	1.6	11
75	Revealing Potential Biomarkers of Functional Dyspepsia by Combining 1H NMR Metabonomics Techniques and an Integrative Multi-objective Optimization Method. <i>Scientific Reports</i> , 2016, 6, 18852.	3.3	11
76	Acupuncture for stable angina pectoris: a systematic review protocol. <i>BMJ Open</i> , 2018, 8, e019798.	1.9	11
77	The cerebral mechanism of acupuncture for treating knee osteoarthritis: study protocol for a randomized controlled trial. <i>Trials</i> , 2019, 20, 126.	1.6	11
78	Effectiveness Study of Moxibustion on Pain Relief in Primary Dysmenorrhea: Study Protocol of a Randomized Controlled Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-6.	1.2	10
79	Comparison of the Therapeutic Effects of Acupuncture at PC6 and ST36 for Chronic Myocardial Ischemia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-9.	1.2	10
80	Length of Acupuncture Training and Structural Plastic Brain Changes in Professional Acupuncturists. <i>PLoS ONE</i> , 2013, 8, e66591.	2.5	10
81	Predicting acupuncture efficacy for functional dyspepsia based on routine clinical features: a machine learning study in the framework of predictive, preventive, and personalized medicine. <i>EPMA Journal</i> , 2022, 13, 137-147.	6.1	10
82	Effectiveness of electroacupuncture for polycystic ovary syndrome: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 256.	1.6	8
83	Differences in topological properties of functional brain networks between menstrually-related and non-menstrual migraine without aura. <i>Brain Imaging and Behavior</i> , 2021, 15, 1450-1459.	2.1	8
84	Acupuncture for the Postcholecystectomy Syndrome: A Systematic Review and Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-19.	1.2	8
85	Acupuncture for patients with functional dyspepsia: study protocol of a randomised controlled trial. <i>BMJ Open</i> , 2013, 3, e003377.	1.9	6
86	Active Acupoints Differ from Inactive Acupoints in Modulating Key Plasmatic Metabolites of Hypertension: A Targeted Metabolomics Study. <i>Scientific Reports</i> , 2018, 8, 17824.	3.3	6
87	Acupoint herbal plaster for patients with primary dysmenorrhea: study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 348.	1.6	6
88	Immediate Analgesic Effect of Acupuncture in Patients With Primary Dysmenorrhea: A fMRI Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 647667.	2.8	6
89	A central analgesic mechanism of acupuncture for migraine: An ongoing functional MRI study. <i>Neural Regeneration Research</i> , 2013, 8, 2649-55.	3.0	6
90	Effects of Electroacupuncture on Facial Nerve Function and HSV-1 DNA Quantity in HSV-1 Induced Facial Nerve Palsy Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-7.	1.2	5

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91	Cerebral mechanism of celecoxib for treating knee pain: study protocol for a randomized controlled parallel trial. <i>Trials</i> , 2019, 20, 58.	1.6	5
92	The Altered Functional Connectivity With Pain Features Integration and Interaction in Migraine Without Aura. <i>Frontiers in Neuroscience</i> , 2021, 15, 646538.	2.8	4
93	Subcorticalâ€‘cortical functional connectivity as a potential biomarker for identifying patients with functional dyspepsia. <i>Cerebral Cortex</i> , 2022, 32, 3347-3358.	2.9	4
94	Difficulties Choosing Control Points in Acupuncture Research. Response: Commentary: Differential Cerebral Response, Measured with Both an EEG and fMRI, to Somatosensory Stimulation of a Single Acupuncture Point vs. Two Non-Acupuncture Points. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 404.	2.0	3
95	Effectiveness and safety of acupuncture and moxibustion for defecation dysfunction after sphincter-preserving surgery for rectal cancer: protocol for systematic review and meta-analysis. <i>BMJ Open</i> , 2020, 10, e034152.	1.9	3
96	Brain Mechanism of Acupuncture Treatment of Chronic Pain: An Individual-Level Positron Emission Tomography Study. <i>Frontiers in Neurology</i> , 2022, 13, 884770.	2.4	3
97	Thinking on clinical research of acupuncture. <i>Chinese Journal of Integrative Medicine</i> , 2007, 13, 168-169.	1.6	2
98	Imaging Neurodegenerative Diseases: Mechanisms and Interventions. <i>BioMed Research International</i> , 2014, 2014, 1-2.	1.9	2
99	Acupuncture for Quality of Life of Patients with Defecation Dysfunction after Sphincter Preserving Surgery for Rectal Cancer: A Systematic Review. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-9.	1.2	2
100	The functional alterations in primary migraine. <i>Medicine (United States)</i> , 2020, 99, e19019.	1.0	1
101	Acupuncture for biliary colic: a systematic review protocol. <i>BMJ Open</i> , 2021, 11, e041931.	1.9	1
102	Effect of Acupuncture on Blood Pressure and Metabolic Profile Among Patients With Essential Hypertension: Protocol of a Randomized Clinical Trial. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	1
103	Research advance and prospects of evidence-based acupuncture science in China. <i>Journal of Acupuncture and Tuina Science</i> , 2007, 5, 1-5.	0.3	0
104	Commentary: functional dyspepsia â€‘is acupuncture the solution? authors' reply. <i>Alimentary Pharmacology and Therapeutics</i> , 2012, 35, 956-957.	3.7	0
105	Theory and Methodology of Evidence-Based Medicine in Acupuncture Research. , 2013, , 601-620.		0