

# Fanrong Liang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

104  
papers

2,631  
citations

28  
h-index

48  
g-index

110  
ext. papers

3,252  
ext. citations

3.7  
avg, IF

4.56  
L-index

#	Paper	IF	Citations
104	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> , <b>2022</b> , 13, 137-147	8.8	1
103	Brain Mechanism of Acupuncture Treatment of Chronic Pain: An Individual-Level Positron Emission Tomography Study.. <i>Frontiers in Neurology</i> , <b>2022</b> , 13, 884770	4.1	
102	Differences in topological properties of functional brain networks between menstrually-related and non-menstrual migraine without aura. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 1450-1459	4.1	3
101	The Altered Functional Connectivity With Pain Features Integration and Interaction in Migraine Without Aura. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 646538	5.1	2
100	Revealing the Neural Mechanism Underlying the Effects of Acupuncture on Migraine: A Systematic Review. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 674852	5.1	4
99	Immediate Analgesic Effect of Acupuncture in Patients With Primary Dysmenorrhea: A fMRI Study. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 647667	5.1	2
98	The participation of basolateral amygdala in the efficacy of acupuncture with deqi treating for functional dyspepsia. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 216-230	4.1	13
97	Acupuncture for biliary colic: a systematic review protocol. <i>BMJ Open</i> , <b>2021</b> , 11, e041931	3	1
96	Bibliometric Analysis of Functional Magnetic Resonance Imaging Studies on Acupuncture Analgesia Over the Past 20 Years.. <i>Journal of Pain Research</i> , <b>2021</b> , 14, 3773-3789	2.9	1
95	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> , <b>2021</b> , 2021, 7858252	2.3	
94	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> , <b>2020</b> , 10, e034152	3	2
93	The functional alterations in primary migraine: A systematic review and meta-analysis protocol. <i>Medicine (United States)</i> , <b>2020</b> , 99, e19019	1.8	1
92	An fMRI-based neural marker for migraine without aura. <i>Neurology</i> , <b>2020</b> , 94, e741-e751	6.5	35
91	Does the Acupoint Specificity Exist? Evidence from Functional Neuroimaging Studies. <i>Current Medical Imaging</i> , <b>2020</b> , 16, 629-638	1.2	4
90	Resting-State Functional Connectivity Patterns Predict Acupuncture Treatment Response in Primary Dysmenorrhea. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 559191	5.1	5
89	The Spontaneous Activity Pattern of the Middle Occipital Gyrus Predicts the Clinical Efficacy of Acupuncture Treatment for Migraine Without Aura. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 588207	4.1	8
88	Concurrent brain structural and functional alterations in patients with migraine without aura: an fMRI study. <i>Journal of Headache and Pain</i> , <b>2020</b> , 21, 141	8.8	9

87	Acupuncture for the Postcholecystectomy Syndrome: A Systematic Review and Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2020</b> , 2020, 7509481	2.3	3
86	Effectiveness of Acupuncture for Lateral Epicondylitis: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Pain Research and Management</i> , <b>2020</b> , 2020, 8506591	2.6	8
85	Akupunkturbehandlung der funktionellen Dyspepsie [Evidenzbasierte Evaluation und Forschung zu den biologischen Mechanismen der Akupunkturpunkt-Spezifität]. <i>Chinesische Medizin: Theoretische Grundlagen, Diagnostik, Akupunktur, Arzneimittel, Taiji, Qigong</i> , <b>2019</b> , 34, 170-181	0.1	
84	The Mechanism of Acupuncture in Treating Essential Hypertension: A Narrative Review. <i>International Journal of Hypertension</i> , <b>2019</b> , 2019, 8676490	2.4	14
83	Acupuncture as Adjunctive Therapy for Chronic Stable Angina: A Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , <b>2019</b> , 179, 1388-1397	11.5	83
82	The cerebral mechanism of acupuncture for treating knee osteoarthritis: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2019</b> , 20, 126	2.8	7
81	Altered Functional Connectivity of the Amygdala and Sex Differences in Functional Dyspepsia. <i>Clinical and Translational Gastroenterology</i> , <b>2019</b> , 10, e00046	4.2	15
80	Abnormal amygdala resting-state functional connectivity in primary dysmenorrhea. <i>NeuroReport</i> , <b>2019</b> , 30, 363-368	1.7	8
79	Cerebral mechanism of celecoxib for treating knee pain: study protocol for a randomized controlled parallel trial. <i>Trials</i> , <b>2019</b> , 20, 58	2.8	1
78	Acupuncture for stable angina pectoris: a systematic review protocol. <i>BMJ Open</i> , <b>2018</b> , 8, e019798	3	8
77	Acupoint herbal plaster for patients with primary dysmenorrhea: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2018</b> , 19, 348	2.8	3
76	The central mechanism of acupuncture treatment with a long-lasting effect for functional dyspepsia: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2018</b> , 19, 373	2.8	10
75	Active Acupoints Differ from Inactive Acupoints in Modulating Key Plasmatic Metabolites of Hypertension: A Targeted Metabolomics Study. <i>Scientific Reports</i> , <b>2018</b> , 8, 17824	4.9	3
74	The altered right frontoparietal network functional connectivity in migraine and the modulation effect of treatment. <i>Cephalalgia</i> , <b>2017</b> , 37, 161-176	6.1	33
73	The Long-term Effect of Acupuncture for Migraine Prophylaxis: A Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , <b>2017</b> , 177, 508-515	11.5	149
72	Acupuncture modulates the abnormal brainstem activity in migraine without aura patients. <i>NeuroImage: Clinical</i> , <b>2017</b> , 15, 367-375	5.3	47
71	Comparison of the Therapeutic Effects of Acupuncture at PC6 and ST36 for Chronic Myocardial Ischemia. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2017</b> , 2017, 7358059	2.3	8
70	Moxibustion for pain relief in patients with primary dysmenorrhea: A randomized controlled trial. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170952	3.7	36

69	A Targeted Metabolomics MRM-MS Study on Identifying Potential Hypertension Biomarkers in Human Plasma and Evaluating Acupuncture Effects. <i>Scientific Reports</i> , <b>2016</b> , 6, 25871	4.9	28
68	Revealing Potential Biomarkers of Functional Dyspepsia by Combining 1H NMR Metabonomics Techniques and an Integrative Multi-objective Optimization Method. <i>Scientific Reports</i> , <b>2016</b> , 6, 18852	4.9	6
67	Altered periaqueductal gray resting state functional connectivity in migraine and the modulation effect of treatment. <i>Scientific Reports</i> , <b>2016</b> , 6, 20298	4.9	79
66	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> , <b>2016</b> , 10, 404	3.3	3
65	Sustained Effects of Acupuncture Stimulation Investigated with Centrality Mapping Analysis. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 510	3.3	15
64	The Status of the Quality Control in Acupuncture-Neuroimaging Studies. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2016</b> , 2016, 3685785	2.3	25
63	Effectiveness of electroacupuncture for polycystic ovary syndrome: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2016</b> , 17, 256	2.8	3
62	Use of moxibustion to treat primary dysmenorrhea at two interventional times: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2015</b> , 16, 35	2.8	15
61	Electroacupuncture inhibits weight gain in diet-induced obese rats by activating hypothalamic LKB1-AMPK signaling. <i>BMC Complementary and Alternative Medicine</i> , <b>2015</b> , 15, 147	4.7	12
60	Which subtype of functional dyspepsia patients responses better to acupuncture? A retrospective analysis of a randomized controlled trial. <i>Complementary Medicine Research</i> , <b>2015</b> , 22, 94-100	1.3	15
59	Genetic contribution of catechol-O-methyltransferase in hippocampal structural and functional changes of female migraine sufferers. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 1782-95	5.9	19
58	Disrupted resting-state functional connectivity and its changing trend in migraine sufferers. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 1892-907	5.9	44
57	Differential cerebral response to somatosensory stimulation of an acupuncture point vs. two non-acupuncture points measured with EEG and fMRI. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 74	3.3	22
56	Altered baseline brain activity in experts measured by amplitude of low frequency fluctuations (ALFF): a resting state fMRI study using expertise model of acupuncturists. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 99	3.3	18
55	Brain-based Correlations Between Psychological Factors and Functional Dyspepsia. <i>Journal of Neurogastroenterology and Motility</i> , <b>2015</b> , 21, 103-10	4.4	26
54	The microstructural status of the corpus callosum is associated with the degree of motor function and neurological deficit in stroke patients. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122615	3.7	38
53	Acupoint Catgut Embedding for Obesity: Systematic Review and Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 401914	2.3	27
52	Application of acupoints and meridians for the treatment of primary dysmenorrhea: a data mining-based literature study. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 752194	2.3	19

51	Discovery of Acupoints and Combinations with Potential to Treat Vascular Dementia: A Data Mining Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 310591	2.3	14
50	Acupuncture for Lateral Epicondylitis: A Systematic Review. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 861849	2.3	14
49	Association of pre- and post-treatment expectations with improvements after acupuncture in patients with migraine. <i>Acupuncture in Medicine</i> , <b>2015</b> , 33, 121-8	1.9	10
48	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> , <b>2014</b> , 15, 50	2.8	12
47	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> , <b>2014</b> , 2014, 659268	2.3	13
46	Abnormal brain activity changes in patients with migraine: a short-term longitudinal study. <i>Journal of Clinical Neurology (Korea)</i> , <b>2014</b> , 10, 229-35	1.7	23
45	Electroacupuncture stimulation at sub-specific acupoint and non-acupoint induced distinct brain glucose metabolism change in migraineurs: a PET-CT study. <i>Journal of Translational Medicine</i> , <b>2014</b> , 12, 351	8.5	35
44	Effectiveness of Chinese massage therapy (Tui Na) for chronic low back pain: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2014</b> , 15, 418	2.8	12
43	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> , <b>2014</b> , 2014, 619706	2.3	11
42	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> , <b>2014</b> , 2014, 693783	2.3	3
41	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> , <b>2014</b> , 2014, 434978	2.3	8
40	Different cerebral responses to puncturing at ST36 among patients with functional dyspepsia and healthy subjects. <i>Research in Complementary Medicine</i> , <b>2014</b> , 21, 99-104		12
39	Altered structural covariance of the striatum in functional dyspepsia patients. <i>Neurogastroenterology and Motility</i> , <b>2014</b> , 26, 1144-54	4	15
38	Expertise modulates local regional homogeneity of spontaneous brain activity in the resting brain: an fMRI study using the model of skilled acupuncturists. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 1074-84	5.9	20
37	Acupuncture promotes angiogenesis after myocardial ischemia through H3K9 acetylation regulation at VEGF gene. <i>PLoS ONE</i> , <b>2014</b> , 9, e94604	3.7	51
36	Effects of long-term acupuncture treatment on resting-state brain activity in migraine patients: a randomized controlled trial on active acupoints and inactive acupoints. <i>PLoS ONE</i> , <b>2014</b> , 9, e99538	3.7	48
35	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> , <b>2013</b> , 14, 99	2.8	7
34	Alterations in regional homogeneity assessed by fMRI in patients with migraine without aura stratified by disease duration. <i>Journal of Headache and Pain</i> , <b>2013</b> , 14, 85	8.8	55

33	Evaluating the prophylaxis and long-term effectiveness of acupuncture for migraine without aura: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2013</b> , 14, 361	2.8	10
32	Altered structure and resting-state functional connectivity of the basal ganglia in migraine patients without aura. <i>Journal of Pain</i> , <b>2013</b> , 14, 836-44	5.2	83
31	Increased interhemispheric resting-state functional connectivity in functional dyspepsia: a pilot study. <i>NMR in Biomedicine</i> , <b>2013</b> , 26, 410-5	4.4	19
30	Migraine-related gray matter and white matter changes at a 1-year follow-up evaluation. <i>Journal of Pain</i> , <b>2013</b> , 14, 1703-8	5.2	50
29	The trade-off between wiring cost and network topology in white matter structural networks in health and migraine. <i>Experimental Neurology</i> , <b>2013</b> , 248, 196-204	5.7	18
28	Fractional amplitude of low-frequency fluctuation changes in functional dyspepsia: a resting-state fMRI study. <i>Magnetic Resonance Imaging</i> , <b>2013</b> , 31, 996-1000	3.3	23
27	White-matter microstructural changes in functional dyspepsia: a diffusion tensor imaging study. <i>American Journal of Gastroenterology</i> , <b>2013</b> , 108, 260-9	0.7	54
26	Acupuncture for patients with functional dyspepsia: study protocol of a randomised controlled trial. <i>BMJ Open</i> , <b>2013</b> , 3,	3	6
25	Identifying neural patterns of functional dyspepsia using multivariate pattern analysis: a resting-state FMRI study. <i>PLoS ONE</i> , <b>2013</b> , 8, e68205	3.7	27
24	Regional homogeneity abnormalities affected by depressive symptoms in migraine patients without aura: a resting state study. <i>PLoS ONE</i> , <b>2013</b> , 8, e77933	3.7	13
23	Whole-brain functional connectivity identification of functional dyspepsia. <i>PLoS ONE</i> , <b>2013</b> , 8, e65870	3.7	22
22	Length of Acupuncture Training and Structural Plastic Brain Changes in Professional Acupuncturists. <i>PLoS ONE</i> , <b>2013</b> , 8, e66591	3.7	6
21	Regional brain structural abnormality in meal-related functional dyspepsia patients: a voxel-based morphometry study. <i>PLoS ONE</i> , <b>2013</b> , 8, e68383	3.7	21
20	A central analgesic mechanism of acupuncture for migraine: An ongoing functional MRI study. <i>Neural Regeneration Research</i> , <b>2013</b> , 8, 2649-55	4.5	4
19	Theory and Methodology of Evidence-Based Medicine in Acupuncture Research <b>2013</b> , 601-620		
18	Regional homogeneity abnormalities in patients with interictal migraine without aura: a resting-state study. <i>NMR in Biomedicine</i> , <b>2012</b> , 25, 806-12	4.4	82
17	Acupuncture therapy for angina pectoris: a systematic review. <i>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</i> , <b>2012</b> , 32, 494-501		16
16	Influence of acupuncture treatment on cerebral activity in functional dyspepsia patients and its relationship with efficacy. <i>American Journal of Gastroenterology</i> , <b>2012</b> , 107, 1236-47	0.7	78

15	A PET-CT study on the specificity of acupoints through acupuncture treatment in migraine patients. <i>BMC Complementary and Alternative Medicine</i> , <b>2012</b> , 12, 123	4.7	63
14	Commentary: functional dyspepsia - is acupuncture the solution? authorsTreply. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2012</b> , 35, 956-957	6.1	
13	Characterizing acupuncture stimuli using brain imaging with FMRI--a systematic review and meta-analysis of the literature. <i>PLoS ONE</i> , <b>2012</b> , 7, e32960	3.7	158
12	Characterizing acupuncture stimuli using brain imaging with fMRI Æ systematic review and meta-analysis of the literature. <i>Deutsche Zeitschrift Fñ Akupunktur</i> , <b>2012</b> , 55, 26-28	0.1	2
11	Reduced fractional anisotropy of corpus callosum modulates inter-hemispheric resting state functional connectivity in migraine patients without aura. <i>PLoS ONE</i> , <b>2012</b> , 7, e45476	3.7	82
10	Randomised clinical trial: an assessment of acupuncture on specific meridian or specific acupoint vs. sham acupuncture for treating functional dyspepsia. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2012</b> , 35, 552-61	6.1	133
9	Hierarchical alteration of brain structural and functional networks in female migraine sufferers. <i>PLoS ONE</i> , <b>2012</b> , 7, e51250	3.7	73
8	Abnormal resting brain activity in patients with functional dyspepsia is related to symptom severity. <i>Gastroenterology</i> , <b>2011</b> , 141, 499-506	13.3	90
7	Gender-related differences in the dysfunctional resting networks of migraine sufferers. <i>PLoS ONE</i> , <b>2011</b> , 6, e27049	3.7	52
6	<sup>1</sup> H NMR-based metabonomic study on the metabolic changes in the plasma of patients with functional dyspepsia and the effect of acupuncture. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 51, 698-704	3.5	33
5	Acupuncture for treating acute attacks of migraine: a randomized controlled trial. <i>Headache</i> , <b>2009</b> , 49, 805-16	4.2	66
4	Randomized controlled trial to treat migraine with acupuncture: design and protocol. <i>Trials</i> , <b>2008</b> , 9, 57	2.8	18
3	Thinking on clinical research of acupuncture. <i>Chinese Journal of Integrative Medicine</i> , <b>2007</b> , 13, 168-9	2.9	1
2	Research advance and prospects of evidence-based acupuncture science in China. <i>Journal of Acupuncture and Tuina Science</i> , <b>2007</b> , 5, 1-5	0.4	
1	A multicentral randomized control study on clinical acupuncture treatment of Bell's palsy. <i>Journal of Traditional Chinese Medicine</i> , <b>2006</b> , 26, 3-7	1.1	20