

Fanrong Liang

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

3,715
citations

136740

32
h-index

155451

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. <i>JAMA Internal Medicine</i> , 2017, 177, 508.	2.6	256
2	Characterizing Acupuncture Stimuli Using Brain Imaging with fMRI - A Systematic Review and Meta-Analysis of the Literature. <i>PLoS ONE</i> , 2012, 7, e32960.	1.1	211
3	Acupuncture as Adjunctive Therapy for Chronic Stable Angina. <i>JAMA Internal Medicine</i> , 2019, 179, 1388.	2.6	152
4	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> , 2012, 35, 552-561.	1.9	151
5	Altered periaqueductal gray resting state functional connectivity in migraine and the modulation effect of treatment. <i>Scientific Reports</i> , 2016, 6, 20298.	1.6	112
6	Abnormal Resting Brain Activity in Patients With Functional Dyspepsia Is Related to Symptom Severity. <i>Gastroenterology</i> , 2011, 141, 499-506.	0.6	106
7	Reduced Fractional Anisotropy of Corpus Callosum Modulates Inter-Hemispheric Resting State Functional Connectivity in Migraine Patients without Aura. <i>PLoS ONE</i> , 2012, 7, e45476.	1.1	105
8	Altered Structure and Resting-State Functional Connectivity of the Basal Ganglia in Migraine Patients Without Aura. <i>Journal of Pain</i> , 2013, 14, 836-844.	0.7	101
9	Hierarchical Alteration of Brain Structural and Functional Networks in Female Migraine Sufferers. <i>PLoS ONE</i> , 2012, 7, e51250.	1.1	98
10	Influence of Acupuncture Treatment on Cerebral Activity in Functional Dyspepsia Patients and Its Relationship With Efficacy. <i>American Journal of Gastroenterology</i> , 2012, 107, 1236-1247.	0.2	96
11	Regional homogeneity abnormalities in patients with interictal migraine without aura: a resting-state study. <i>NMR in Biomedicine</i> , 2012, 25, 806-812.	1.6	95
12	Acupuncture for Treating Acute Attacks of Migraine: A Randomized Controlled Trial. <i>Headache</i> , 2009, 49, 805-816.	1.8	91
13	Acupuncture modulates the abnormal brainstem activity in migraine without aura patients. <i>NeuroImage: Clinical</i> , 2017, 15, 367-375.	1.4	79
14	A PET-CT study on the specificity of acupoints through acupuncture treatment in migraine patients. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 123.	3.7	78
15	An fMRI-based neural marker for migraine without aura. <i>Neurology</i> , 2020, 94, e741-e751.	1.5	77
16	Alterations in regional homogeneity assessed by fMRI in patients with migraine without aura stratified by disease duration. <i>Journal of Headache and Pain</i> , 2013, 14, 85.	2.5	70
17	Acupuncture Promotes Angiogenesis after Myocardial Ischemia through H3K9 Acetylation Regulation at VEGF Gene. <i>PLoS ONE</i> , 2014, 9, e94604.	1.1	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. <i>PLoS ONE</i> , 2014, 9, e99538.	1.1	69

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19	White-Matter Microstructural Changes in Functional Dyspepsia: A Diffusion Tensor Imaging Study. <i>American Journal of Gastroenterology</i> , 2013, 108, 260-269.	0.2	62
20	Migraine-Related Gray Matter and White Matter Changes at a 1-Year Follow-Up Evaluation. <i>Journal of Pain</i> , 2013, 14, 1703-1708.	0.7	61
21	Gender-Related Differences in the Dysfunctional Resting Networks of Migraine Suffers. <i>PLoS ONE</i> , 2011, 6, e27049.	1.1	59
22	Disrupted resting-state functional connectivity and its changing trend in migraine sufferers. <i>Human Brain Mapping</i> , 2015, 36, 1892-1907.	1.9	55
23	Moxibustion for pain relief in patients with primary dysmenorrhea: A randomized controlled trial. <i>PLoS ONE</i> , 2017, 12, e0170952.	1.1	55
24	The altered right frontoparietal network functional connectivity in migraine and the modulation effect of treatment. <i>Cephalalgia</i> , 2017, 37, 161-176.	1.8	54
25	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> , 2015, 10, e0122615.	1.1	53
26	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> , 2014, 12, 351.	1.8	46
27	A Targeted Metabolomics MRM-MS Study on Identifying Potential Hypertension Biomarkers in Human Plasma and Evaluating Acupuncture Effects. <i>Scientific Reports</i> , 2016, 6, 25871.	1.6	42
28	Acupoint Catgut Embedding for Obesity: Systematic Review and Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-20.	0.5	39
29	The Status of the Quality Control in Acupuncture-Neuroimaging Studies. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-14.	0.5	38
30	¹ H NMR-based metabolomic 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> , 2010, 51, 698-704.	1.4	36
31	Identifying Neural Patterns of Functional Dyspepsia Using Multivariate Pattern Analysis: A Resting-State fMRI Study. <i>PLoS ONE</i> , 2013, 8, e68205.	1.1	36
32	Brain-based Correlations Between Psychological Factors and Functional Dyspepsia. <i>Journal of Neurogastroenterology and Motility</i> , 2015, 21, 103-110.	0.8	35
33	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> , 2020, 11, 588207.	1.1	33
34	Abnormal Brain Activity Changes in Patients with Migraine: A Short-Term Longitudinal Study. <i>Journal</i>		

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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. <i>Human Brain Mapping</i> , 2014, 35, 1074-1084.	1.9	30
38	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> , 2015, 9, 74.	1.0	29
39	Concurrent brain structural and functional alterations in patients with migraine without aura: an fMRI study. <i>Journal of Headache and Pain</i> , 2020, 21, 141.	2.5	29
40	Fractional amplitude of low-frequency fluctuation changes in functional dyspepsia: A resting-state fMRI study. <i>Magnetic Resonance Imaging</i> , 2013, 31, 996-1000.	1.0	27
41	The Mechanism of Acupuncture in Treating Essential Hypertension: A Narrative Review. <i>International Journal of Hypertension</i> , 2019, 2019, 1-10.	0.5	27
42	Genetic contribution of catechol-O-methyltransferase in hippocampal structural and functional changes of female migraine sufferers. <i>Human Brain Mapping</i> , 2015, 36, 1782-1795.	1.9	26
43	Whole-Brain Functional Connectivity Identification of Functional Dyspepsia. <i>PLoS ONE</i> , 2013, 8, e65870.	1.1	25
44	Increased interhemispheric resting-state functional connectivity in functional dyspepsia: a pilot study. <i>NMR in Biomedicine</i> , 2013, 26, 410-415.	1.6	24
45	The participation of basolateral amygdala in the efficacy of acupuncture with deqi treating for functional dyspepsia. <i>Brain Imaging and Behavior</i> , 2021, 15, 216-230.	1.1	24
46	Regional Brain Structural Abnormality in Meal-Related Functional Dyspepsia Patients: A Voxel-Based Morphometry Study. <i>PLoS ONE</i> , 2013, 8, e68383.	1.1	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. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 99.	1.0	23
48	Randomized controlled trial to treat migraine with acupuncture: design and protocol. <i>Trials</i> , 2008, 9, 57.	0.7	22
49	Sustained Effects of Acupuncture Stimulation Investigated with Centrality Mapping Analysis. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 510.	1.0	21
50	Altered Functional Connectivity of the Amygdala and Sex Differences in Functional Dyspepsia. <i>Clinical and Translational Gastroenterology</i> , 2019, 10, e00046.	1.3	21
51	Resting-State Functional Connectivity Patterns Predict Acupuncture Treatment Response in Primary Dysmenorrhea. <i>Frontiers in Neuroscience</i> , 2020, 14, 559191.	1.4	21
52	Discovery of Acupoints and Combinations with Potential to Treat Vascular Dementia: A Data Mining Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-12.	0.5	20
53	Acupuncture for Lateral Epicondylitis: A Systematic Review. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-13.	0.5	20
54	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> , 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.	2.0	19
56	Altered structural covariance of the striatum in functional dyspepsia patients. <i>Neurogastroenterology and Motility</i> , 2014, 26, 1144-1154.	1.6	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.	0.5	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.	0.7	17
60	Revealing the Neural Mechanism Underlying the Effects of Acupuncture on Migraine: A Systematic Review. <i>Frontiers in Neuroscience</i> , 2021, 15, 674852.	1.4	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.	0.7	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.	0.7	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.	1.1	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.	0.5	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.	0.7	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.	0.7	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.	0.4	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.	0.7	13
70	Abnormal amygdala resting-state functional connectivity in primary dysmenorrhea. <i>NeuroReport</i> , 2019, 30, 363-368.	0.6	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.	0.8	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.	0.5	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.	0.4	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.	0.7	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.	1.6	11
76	Acupuncture for stable angina pectoris: a systematic review protocol. <i>BMJ Open</i> , 2018, 8, e019798.	0.8	11
77	The cerebral mechanism of acupuncture for treating knee osteoarthritis: study protocol for a randomized controlled trial. <i>Trials</i> , 2019, 20, 126.	0.7	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.	0.5	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.	0.5	10
80	Length of Acupuncture Training and Structural Plastic Brain Changes in Professional Acupuncturists. <i>PLoS ONE</i> , 2013, 8, e66591.	1.1	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.	3.3	10
82	Effectiveness of electroacupuncture for polycystic ovary syndrome: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 256.	0.7	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.	1.1	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.	0.5	8
85	Acupuncture for patients with functional dyspepsia: study protocol of a randomised controlled trial. <i>BMJ Open</i> , 2013, 3, e003377.	0.8	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.	1.6	6
87	Acupoint herbal plaster for patients with primary dysmenorrhea: study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 348.	0.7	6
88	Immediate Analgesic Effect of Acupuncture in Patients With Primary Dysmenorrhea: A fMRI Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 647667.	1.4	6
89	A central analgesic mechanism of acupuncture for migraine: An ongoing functional MRI study. <i>Neural Regeneration Research</i> , 2013, 8, 2649-55.	1.6	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.	0.5	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.	0.7	5
92	The Altered Functional Connectivity With Pain Features Integration and Interaction in Migraine Without Aura. <i>Frontiers in Neuroscience</i> , 2021, 15, 646538.	1.4	4
93	Subcortical cortical functional connectivity as a potential biomarker for identifying patients with functional dyspepsia. <i>Cerebral Cortex</i> , 2022, 32, 3347-3358.	1.6	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.	1.0	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.	0.8	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.	1.1	3
97	Thinking on clinical research of acupuncture. <i>Chinese Journal of Integrative Medicine</i> , 2007, 13, 168-169.	0.7	2
98	Imaging Neurodegenerative Diseases: Mechanisms and Interventions. <i>BioMed Research International</i> , 2014, 2014, 1-2.	0.9	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.	0.5	2
100	The functional alterations in primary migraine. <i>Medicine (United States)</i> , 2020, 99, e19019.	0.4	1
101	Acupuncture for biliary colic: a systematic review protocol. <i>BMJ Open</i> , 2021, 11, e041931.	0.8	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, .	1.1	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.	0.1	0
104	Commentary: functional dyspepsia is acupuncture the solution? authors' reply. <i>Alimentary Pharmacology and Therapeutics</i> , 2012, 35, 956-957.	1.9	0
105	Theory and Methodology of Evidence-Based Medicine in Acupuncture Research. , 2013, , 601-620.		0