Vitaly Napadow

List of Publications by Year
in descending order

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181	12,676	25034	28297
papers	citations	57 h-index	105 g-index

190	190	190	10276
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Autonomic Brain: An Activation Likelihood Estimation Meta-Analysis for Central Processing of Autonomic Function. Journal of Neuroscience, 2013, 33, 10503-10511.	3.6	653
2	Intrinsic brain connectivity in fibromyalgia is associated with chronic pain intensity. Arthritis and Rheumatism, 2010, 62, 2545-2555.	6.7	531
3	The integrated response of the human cerebro-cerebellar and limbic systems to acupuncture stimulation at ST 36 as evidenced by fMRI. NeuroImage, 2005, 27, 479-496.	4.2	450
4	Evidence for brain glial activation in chronic pain patients. Brain, 2015, 138, 604-615.	7.6	372
5	Effects of electroacupuncture versus manual acupuncture on the human brain as measured by fMRI. Human Brain Mapping, 2005, 24, 193-205.	3.6	333
6	Brain correlates of autonomic modulation: Combining heart rate variability with fMRI. NeuroImage, 2008, 42, 169-177.	4.2	304
7	Acupuncture De Qi, from Qualitative History to Quantitative Measurement. Journal of Alternative and Complementary Medicine, 2007, 13, 1059-1070.	2.1	294
8	Elevated insular glutamate in fibromyalgia is associated with experimental pain. Arthritis and Rheumatism, 2009, 60, 3146-3152.	6.7	270
9	Traditional Chinese acupuncture and placebo (sham) acupuncture are differentiated by their effects on Î¼-opioid receptors (MORs). NeuroImage, 2009, 47, 1077-1085.	4.2	265
10	Default mode network connectivity encodes clinical pain: An arterial spin labeling study. Pain, 2013, 154, 24-33.	4.2	264
11	Acupuncture modulates resting state connectivity in default and sensorimotor brain networks. Pain, 2008, 136, 407-418.	4.2	262
12	Brief Report: Decreased intrinsic brain connectivity is associated with reduced clinical pain in fibromyalgia. Arthritis and Rheumatism, 2012, 64, 2398-2403.	6.7	237
13	Pregabalin Rectifies Aberrant Brain Chemistry, Connectivity, and Functional Response in Chronic Pain Patients. Anesthesiology, 2013, 119, 1453-1464.	2.5	225
14	Paradoxes in Acupuncture Research: Strategies for Moving Forward. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-11.	1.2	220
15	Characterization of the "deqi" response in acupuncture. BMC Complementary and Alternative Medicine, 2007, 7, 33.	3.7	217
16	Neuroimaging Acupuncture Effects in the Human Brain. Journal of Alternative and Complementary Medicine, 2007, 13, 603-616.	2.1	214
17	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
18	Changes in regional gray matter volume in women with chronic pelvic pain: A voxel-based morphometry study. Pain, 2012, 153, 1006-1014.	4.2	201

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19	The Status and Future of Acupuncture Mechanism Research. Journal of Alternative and Complementary Medicine, 2008, 14, 861-869.	2.1	186
20	Brain glial activation in fibromyalgia â€“ A multi-site positron emission tomography investigation. Brain, Behavior, and Immunity, 2019, 75, 72-83.	4.1	186
21	Disrupted functional connectivity of the periaqueductal gray in chronic low back pain. NeuroImage: Clinical, 2014, 6, 100-108.	2.7	181
22	The Brain Circuitry Underlying the Temporal Evolution of Nausea in Humans. Cerebral Cortex, 2013, 23, 806-813.	2.9	170
23	International Consensus Based Review and Recommendations for Minimum Reporting Standards in Research on Transcutaneous Vagus Nerve Stimulation (Version 2020). Frontiers in Human Neuroscience, 2020, 14, 568051.	2.0	143
24	Evoked Pain Analgesia in Chronic Pelvic Pain Patients Using Respiratory-Gated Auricular Vagal Afferent Nerve Stimulation. Pain Medicine, 2012, 13, 777-789.	1.9	141
25	Disrupted Brain Circuitry for Painâ€Related Reward/Punishment in Fibromyalgia. Arthritis and Rheumatology, 2014, 66, 203-212.	5.6	139
26	The missing link: Enhanced functional connectivity between amygdala and visceroceptive cortex in migraine. Cephalalgia, 2013, 33, 1264-1268.	3.9	138
27	Disruption of thalamic functional connectivity is a neural correlate of dexmedetomidine-induced unconsciousness. ELife, 2014, 3, e04499.	6.0	135
28	Functional Connectivity Is Associated With Altered Brain Chemistry in Women With Endometriosis-Associated Chronic Pelvic Pain. Journal of Pain, 2016, 17, 1-13.	1.4	135
29	Altered Resting State Connectivity of the Insular Cortex in Individuals With Fibromyalgia. Journal of Pain, 2014, 15, 815-826.e1.	1.4	133
30	The Somatosensory Link in Fibromyalgia: Functional Connectivity of the Primary Somatosensory Cortex Is Altered by Sustained Pain and Is Associated With Clinical/Autonomic Dysfunction. Arthritis and Rheumatology, 2015, 67, 1395-1405.	5.6	124
31	Challenges and opportunities for brainstem neuroimaging with ultrahigh field MRI. NeuroImage, 2018, 168, 412-426.	4.2	121
32	Acupuncture mobilizes the brain's default mode and its anti-correlated network in healthy subjects. Brain Research, 2009, 1287, 84-103.	2.2	120
33	Somatosensory cortical plasticity in carpal tunnel syndrome treated by acupuncture. Human Brain Mapping, 2007, 28, 159-171.	3.6	117
34	Rewiring the primary somatosensory cortex in carpal tunnel syndrome with acupuncture. Brain, 2017, 140, 914-927.	7.6	114
35	Brain encoding of acupuncture sensation â€" Coupling on-line rating with fMRI. NeuroImage, 2009, 47, 1055-1065.	4.2	110
36	Neural Correlates of Chronic Low Back Pain Measured by Arterial Spin Labeling. Anesthesiology, 2011, 115, 364-374.	2.5	108

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37	Somatosensory cortical plasticity in carpal tunnel syndromeâ€”a cross-sectional fMRI evaluation. NeuroImage, 2006, 31, 520-530.	4.2	106
38	The influence of respiration on brainstem and cardiovagal response to auricular vagus nerve stimulation: A multimodal ultrahigh-field (7T) fMRI study. Brain Stimulation, 2019, 12, 911-921.	1.6	104
39	Effects of Cognitive-Behavioral Therapy (CBT) on Brain Connectivity Supporting Catastrophizing in Fibromyalgia. Clinical Journal of Pain, 2017, 33, 215-221.	1.9	103
40	Time-variant fMRI activity in the brainstem and higher structures in response to acupuncture. NeuroImage, 2009, 47, 289-301.	4.2	101
41	The relationship between catastrophizing and altered pain sensitivity in patients with chronic low-back pain. Pain, 2019, 160, 833-843.	4.2	101
42	Modulation of brainstem activity and connectivity by respiratory-gated auricular vagal afferent nerve stimulation in migraine patients. Pain, 2017, 158, 1461-1472.	4.2	99
43	S1 is Associated with Chronic Low Back Pain: A Functional and Structural MRI Study. Molecular Pain, 2013, 9, 1744-8069-9-43.	2.1	98
44	Interventions and Manipulations of Interoception. Trends in Neurosciences, 2021, 44, 52-62.	8.6	92
45	Manual and Electrical Needle Stimulation in Acupuncture Research: Pitfalls and Challenges of Heterogeneity. Journal of Alternative and Complementary Medicine, 2015, 21, 113-128.	2.1	86
46	The National Cancer Instituteâ€™s Conference on Acupuncture for Symptom Management in Oncology: State of the Science, Evidence, and Research Gaps. Journal of the National Cancer Institute Monographs, 2017, 2017, .	2.1	85
47	Imaging of neuroinflammation in migraine with aura. Neurology, 2019, 92, e2038-e2050.	1.1	83
48	Machine learningâ€“based prediction of clinical pain using multimodal neuroimaging and autonomic metrics. Pain, 2019, 160, 550-560.	4.2	83
49	Electrical stimulation of cranial nerves in cognition and disease. Brain Stimulation, 2020, 13, 717-750.	1.6	82
50	Abnormal medial prefrontal cortex functional connectivity and its association with clinical symptoms in chronic low back pain. Pain, 2019, 160, 1308-1318.	4.2	81
51	In-vivo imaging of neuroinflammation in veterans with Gulf War illness. Brain, Behavior, and Immunity, 2020, 87, 498-507.	4.1	80
52	The Brain Circuitry Mediating Antipruritic Effects of Acupuncture. Cerebral Cortex, 2014, 24, 873-882.	2.9	73
53	Dexmedetomidine Disrupts the Local and Global Efficiencies of Large-scale Brain Networks. Anesthesiology, 2017, 126, 419-430.	2.5	73
54	Identifying brain regions associated with the neuropathology of chronic low back pain: a resting-state amplitude of low-frequency fluctuation study. British Journal of Anaesthesia, 2019, 123, e303-e311.	3.4	73

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55	Electrical Stimulation of the Vagus Nerve Dermatome in the External Ear is Protective in Rat Cerebral Ischemia. Brain Stimulation, 2015, 8, 7-12.	1.6	71
56	Automated Brainstem Co-registration (ABC) for MRI. NeuroImage, 2006, 32, 1113-1119.	4.2	70
57	What has functional connectivity and chemical neuroimaging in fibromyalgia taught us about the mechanisms and management of `centralized' pain?. Arthritis Research and Therapy, 2014, 16, 425.	3.5	70
58	Visual network alterations in brain functional connectivity in chronic low back pain: A resting state functional connectivity and machine learning study. NeuroImage: Clinical, 2019, 22, 101775.	2.7	69
59	Brain correlates of phasic autonomic response to acupuncture stimulation: An event-related fMRI study. Human Brain Mapping, 2013, 34, 2592-2606.	3.6	67
60	Functional deficits in carpal tunnel syndrome reflect reorganization of primary somatosensory cortex. Brain, 2014, 137, 1741-1752.	7.6	65
61	Pharmacological Modulation of Noradrenergic Arousal Circuitry Disrupts Functional Connectivity of the Locus Ceruleus in Humans. Journal of Neuroscience, 2017, 37, 6938-6945.	3.6	65
62	Somatotopically specific primary somatosensory connectivity to salience and default mode networks encodes clinical pain. Pain, 2019, 160, 1594-1605.	4.2	62
63	Stimulus frequency modulates brainstem response to respiratory-gated transcutaneous auricular vagus nerve stimulation. Brain Stimulation, 2020, 13, 970-978.	1.6	61
64	Extraâ€Axial Inflammatory Signal in Parameninges in Migraine with Visual Aura. Annals of Neurology, 2020, 87, 939-949.	5.3	60
65	Distinct thalamocortical network dynamics are associated with the pathophysiology of chronic low back pain. Nature Communications, 2020, 11, 3948.	12.8	59
66	Multivariate resting-state functional connectivity predicts responses to real and sham acupuncture treatment in chronic low back pain. NeuroImage: Clinical, 2019, 23, 101885.	2.7	58
67	Do the neural correlates of acupuncture and placebo effects differ?. Pain, 2007, 128, 8-12.	4.2	57
68	Altered brain morphometry in carpal tunnel syndrome is associated with median nerve pathology. NeuroImage: Clinical, 2013, 2, 313-319.	2.7	57
69	Patient Characteristics for Outpatient Acupuncture in Beijing, China. Journal of Alternative and Complementary Medicine, 2004, 10, 565-572.	2.1	55
70	Disentangling linear and nonlinear brain responses to evoked deep tissue pain. Pain, 2012, 153, 2140-2151.	4.2	54
71	Enhancing treatment of osteoarthritis knee pain by boosting expectancy: A functional neuroimaging study. NeuroImage: Clinical, 2018, 18, 325-334.	2.7	53
72	Physiological recordings: Basic concepts and implementation during functional magnetic resonance imaging. NeuroImage, 2009, 47, 1105-1115.	4.2	52

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73	Sustained deep-tissue pain alters functional brain connectivity. Pain, 2013, 154, 1343-1351.	4.2	52
74	TIDieR-Placebo: A guide and checklist for reporting placebo and sham controls. PLoS Medicine, 2020, 17, e1003294.	8.4	52
75	Fibromyalgia is characterized by altered frontal and cerebellar structural covariance brain networks. NeuroImage: Clinical, 2015, 7, 667-677.	2.7	51
76	Acupuncture in Critically Ill Patients Improves Delayed Gastric Emptying. Anesthesia and Analgesia, 2011, 112, 150-155.	2.2	50
77	The Lateral Prefrontal Cortex Mediates the Hyperalgesic Effects ofÂNegative Cognitions in Chronic Pain Patients. Journal of Pain, 2015, 16, 692-699.	1.4	49
78	Dynamic brain-to-brain concordance and behavioral mirroring as a mechanism of the patient-clinician interaction. Science Advances, 2020, 6, .	10.3	46
79	Reduced tactile acuity in chronic low back pain is linked with structural neuroplasticity in primary somatosensory cortex and is modulated by acupuncture therapy. NeuroImage, 2020, 217, 116899.	4.2	45
80	Unanticipated Insights into Biomedicine from the Study of Acupuncture. Journal of Alternative and Complementary Medicine, 2016, 22, 101-107.	2.1	43
81	Impaired mesocorticolimbic connectivity underlies increased pain sensitivity in chronic low back pain. NeuroImage, 2020, 218, 116969.	4.2	43
82	Acupuncture-Evoked Response in Somatosensory and Prefrontal Cortices Predicts Immediate Pain Reduction in Carpal Tunnel Syndrome. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-13.	1.2	42
83	Encoding of Selfâ€Referential Pain Catastrophizing in the Posterior Cingulate Cortex in Fibromyalgia. Arthritis and Rheumatology, 2018, 70, 1308-1318.	5.6	42
84	Mindfulness in migraine: A narrative review. Expert Review of Neurotherapeutics, 2020, 20, 207-225.	2.8	42
85	Acupuncture Treatment Modulates the Connectivity of Key Regions of the Descending Pain Modulation and Reward Systems in Patients with Chronic Low Back Pain. Journal of Clinical Medicine, 2020, 9, 1719.	2.4	41
86	Brain Circuitry Supporting Multi-Organ Autonomic Outflow in Response to Nausea. Cerebral Cortex, 2016, 26, bhu172.	2.9	40
87	Motion sickness increases functional connectivity between visual motion and nausea-associated brain regions. Autonomic Neuroscience: Basic and Clinical, 2017, 202, 108-113.	2.8	40
88	Brainstem neuroimaging of nociception and pain circuitries. Pain Reports, 2019, 4, e745.	2.7	40
89	Neuroimaging brainstem circuitry supporting cardiovagal response to pain: a combined heart rate variability/ultrahigh-field (7 T) functional magnetic resonance imaging study. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150189.	3.4	39
90	Painful After-Sensations in Fibromyalgia are Linked to Catastrophizing and Differences in Brain Response in the Medial Temporal Lobe. Journal of Pain, 2017, 18, 855-867.	1.4	35

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91	Evoked itch perception is associated with changes in functional brain connectivity. NeuroImage: Clinical, 2015, 7, 213-221.	2.7	32
92	Primary somatosensory/motor cortical thickness distinguishes paresthesia-dominant from pain-dominant carpal tunnel syndrome. Pain, 2016, 157, 1085-1093.	4.2	32
93	Greater Somatosensory Afference With Acupuncture Increases Primary Somatosensory Connectivity and Alleviates Fibromyalgia Pain via Insular Î³â€Aminobutyric Acid: A Randomized Neuroimaging Trial. Arthritis and Rheumatology, 2021, 73, 1318-1328.	5.6	32
94	Evoked Pressure Pain Sensitivity Is Associated with Differential Analgesic Response to Verum and Sham Acupuncture in Fibromyalgia. Pain Medicine, 2017, 18, 1582-1592.	1.9	31
95	Brain Mechanisms of Anticipated Painful Movements and Their Modulation by Manual Therapy in Chronic Low Back Pain. Journal of Pain, 2018, 19, 1352-1365.	1.4	31
96	Fig. A. Aviation, Space, and Environmental Medicine, 2011, 82, 424-33.	0.5	29
97	Spatio-temporal mapping cortical neuroplasticity in carpal tunnel syndrome. Brain, 2012, 135, 3062-3073.	7.6	29
98	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
99	Striatal hypofunction as a neural correlate of mood alterations in chronic pain patients. NeuroImage, 2020, 211, 116656.	4.2	29
100	A picture is worth a thousand words: linking fibromyalgia pain widespreadness from digital pain drawings with pain catastrophizing and brain cross-network connectivity. Pain, 2021, 162, 1352-1363.	4.2	28
101	Placebo-Induced Somatic Sensations: A Multi-Modal Study of Three Different Placebo Interventions. PLoS ONE, 2015, 10, e0124808.	2.5	28
102	Pressure Pain Sensitivity and Insular Combined Glutamate and Glutamine (Glx) Are Associated with Subsequent Clinical Response to Sham But Not Traditional Acupuncture in Patients Who Have Chronic Pain. Medical Acupuncture, 2013, 25, 154-160.	0.6	27
103	Correlating Acupuncture fMRI in the Human Brainstem with Heart Rate Variability. , 2005, 2005, 4496-9.		26
104	Phantom Acupuncture: Dissociating Somatosensory and Cognitive/Affective Components of Acupuncture Stimulation with a Novel Form of Placebo Acupuncture. PLoS ONE, 2014, 9, e104582.	2.5	26
105	Reduced insula habituation associated with amplification of trigeminal brainstem input in migraine. Cephalalgia, 2017, 37, 1026-1038.	3.9	26
106	A systematic study of acupuncture practice: acupoint usage in an outpatient setting in Beijing, China. Complementary Therapies in Medicine, 2004, 12, 209-216.	2.7	25
107	Differences in cortical response to acupressure and electroacupuncture stimuli. BMC Neuroscience, 2011, 12, 73.	1.9	24
108	Interactive effects of pain catastrophizing and mindfulness on pain intensity in women with fibromyalgia. Health Psychology Open, 2018, 5, 205510291880740.	1.4	24

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109	Brief Self-Compassion Training Alters Neural Responses to Evoked Pain for Chronic Low Back Pain: A Pilot Study. Pain Medicine, 2020, 21, 2172-2185.	1.9	24
110	Magnetic resonance imaging of neuroinflammation in chronic pain: a role for astrogliosis?. Pain, 2020, 161, 1555-1564.	4.2	24
111	Neuroimmune signatures in chronic low back pain subtypes. Brain, 2022, 145, 1098-1110.	7.6	24
112	Thalamic neuroinflammation as a reproducible and discriminating signature for chronic low back pain. Pain, 2021, 162, 1241-1249.	4.2	24
113	Sustained Effects of Acupuncture Stimulation Investigated with Centrality Mapping Analysis. Frontiers in Human Neuroscience, 2016, 10, 510.	2.0	21
114	Increased Salience Network Connectivity Following Manual Therapy is Associated with Reduced Pain in Chronic Low Back Pain Patients. Journal of Pain, 2021, 22, 545-555.	1.4	21
115	Phenotype Matters. Clinical Journal of Pain, 2014, 30, 839-845.	1.9	20
116	Decreased Peripheral and Central Responses to Acupuncture Stimulation following Modification of Body Ownership. PLoS ONE, 2014, 9, e109489.	2.5	20
117	Acupuncture Evoked Response in Contralateral Somatosensory Cortex Reflects Peripheral Nerve Pathology of Carpal Tunnel Syndrome. Medical Acupuncture, 2013, 25, 275-284.	0.6	19
118	Aberrant Salience? Brain Hyperactivation in Response to Pain Onset and Offset in Fibromyalgia. Arthritis and Rheumatology, 2020, 72, 1203-1213.	5.6	19
119	Acupuncture for allergic disease therapy â€“ the current state of evidence. Expert Review of Clinical Immunology, 2014, 10, 831-841.	3.0	18
120	Association of Alterations in Gray Matter Volume With Reduced Evokedâ€Pain Connectivity Following Shortâ€Term Administration of Pregabalin in Patients With Fibromyalgia. Arthritis and Rheumatology, 2016, 68, 1511-1521.	5.6	18
121	Resolving Paradoxes in Acupuncture Research: A Roundtable Discussion. Journal of Alternative and Complementary Medicine, 2009, 15, 1039-1044.	2.1	17
122	Frequency-Dependent Relationship Between Resting-State Functional Magnetic Resonance Imaging Signal Power and Head Motion Is Localized Within Distributed Association Networks. Brain Connectivity, 2014, 4, 131218075844008.	1.7	17
123	Dynamic Functional Brain Connectivity Underlying Temporal Summation of Pain in Fibromyalgia. Arthritis and Rheumatology, 2022, 74, 700-710.	5.6	16
124	Monitoring Acupuncture Effects on Human Brain by fMRI. Journal of Visualized Experiments, 2010, , .	0.3	15
125	Respiratory-gated Auricular Vagal Afferent Nerve Stimulation (RAVANS) effects on autonomic outflow in hypertension. , 2017, 2017, 3130-3133.		15
126	Thalamic neurometabolite alterations in patients with knee osteoarthritis before and after total knee replacement. Pain, 2021, 162, 2014-2023.	4.2	15

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127	The association between daily physical exercise and pain among women with fibromyalgia: the moderating role of pain catastrophizing. Pain Reports, 2020, 5, e832.	2.7	14
128	Neural activations during self-related processing in patients with chronic pain and effects of a brief self-compassion training â€“ A pilot study. Psychiatry Research - Neuroimaging, 2020, 304, 111155.	1.8	14
129	Acupuncture for Chronic Low Back Pain: Recommendations to Medicare/Medicaid from the Society for Acupuncture Research. Journal of Alternative and Complementary Medicine, 2019, 25, 367-369.	2.1	13
130	When a White Horse is a Horse: Embracing the (Obvious?) Overlap Between Acupuncture and Neuromodulation. Journal of Alternative and Complementary Medicine, 2018, 24, 621-623.	2.1	12
131	Measuring the success of blinding in placebo-controlled trials: Should we be so quick to dismiss it?. Journal of Clinical Epidemiology, 2021, 135, 176-181.	5.0	12
132	Inadequate description of placebo and sham controls in a systematicÂreview of recent trials. European Journal of Clinical Investigation, 2019, 49, e13169.	3.4	11
133	Multi-parameter autonomic-based pain assessment: More is more?. Pain, 2012, 153, 1779-1780.	4.2	10
134	Migraine and Puberty: Potential Susceptible Brain Sites. Seminars in Pediatric Neurology, 2016, 23, 53-59.	2.0	10
135	Editorial: Neural Substrates of Acupuncture: From Peripheral to Central Nervous System Mechanisms. Frontiers in Neuroscience, 2019, 13, 1419.	2.8	10
136	Inpainting as a Technique for Estimation of Missing Voxels in Brain Imaging. Annals of Biomedical Engineering, 2021, 49, 345-353.	2.5	10
137	Patientâ€“clinician brain concordance underlies causal dynamics in nonverbal communication and negative affective expressivity. Translational Psychiatry, 2022, 12, 44.	4.8	10
138	Pain and sensory detection threshold response to acupuncture is modulated by coping strategy and acupuncture sensation. BMC Complementary and Alternative Medicine, 2014, 14, 324.	3.7	9
139	Impact of sex and depressed mood on the central regulation of cardiac autonomic function. Neuropsychopharmacology, 2020, 45, 1280-1288.	5.4	9
140	Nonâ€uniform gastric wall kinematics revealed by 4D Cine magnetic resonance imaging in humans. Neurogastroenterology and Motility, 2021, 33, e14146.	3.0	9
141	Brain Correlates of Continuous Pain in Rheumatoid Arthritis as Measured by Pulsed Arterial Spin Labeling. Arthritis Care and Research, 2019, 71, 308-318.	3.4	8
142	Modifiable Psychological Factors Affecting Functioning in Fibromyalgia. Journal of Clinical Medicine, 2021, 10, 803.	2.4	8
143	Respiratory-gated auricular vagal afferent nerve stimulation (RAVANS) modulates brain response to stress in major depression. Journal of Psychiatric Research, 2021, 142, 188-197.	3.1	7
144	Feasibility of Auricular Field Stimulation in Fibromyalgia: Evaluation by Functional Magnetic Resonance Imaging, Randomized Trial. Pain Medicine, 2021, 22, 715-726.	1.9	7

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145	Influence of the patient-practitioner interaction context on acupuncture outcomes in functional dyspepsia: study protocol for a multicenter randomized controlled trial. BMC Complementary and Alternative Medicine, 2017, 17, 363.	3.7	6
146	Modulatory Effects of Respiratory-Gated Auricular Vagal Nerve Stimulation on Cardiovagal Activity in Hypertension*. , 2020, 2020, 2581-2584.		6
147	Cine gastric <scp>MRI</scp> reveals altered <scp>Gutâ€“Brain</scp> Axis in Functional Dyspepsia: gastric motility is linked with brainstemâ€cortical <scp>fMRI</scp> connectivity. Neurogastroenterology and Motility, 2022, 34, e14396.	3.0	6
148	Quantitative Markers for Neuropsychiatric Disease: Give It a Rest. Radiology, 2011, 259, 17-19.	7.3	5
149	Alternatives to prokinetics to move the pylorus and colon. Current Opinion in Clinical Nutrition and Metabolic Care, 2012, 15, 166-173.	2.5	5
150	Complementary integrative medicine in atopic diseases â€“ an overview. Focus on Alternative and Complementary Therapies, 2013, 18, 77-84.	0.1	5
151	Functional Magnetic Resonance Imaging Evaluation of Auricular Percutaneous Electrical Neural Field Stimulation for Fibromyalgia: Protocol for a Feasibility Study. JMIR Research Protocols, 2018, 7, e39.	1.0	5
152	Comparison of testâ€“retest reliability of BOLD and pCASL fMRI in a two-center study. BMC Medical Imaging, 2022, 22, 62.	2.7	5
153	Combining sudomotor nerve impulse estimation with fMRI to investigate the central sympathetic response to nausea. , 2015, 2015, 4683-6.		4
154	Transcutaneous vagus nerve stimulation increases locus coeruleus function and memory performance in older individuals. Alzheimer's and Dementia, 2020, 16, e044766.	0.8	4
155	3D magnetic resonance spectroscopic imaging reveals links between brain metabolites and multidimensional pain features in fibromyalgia. European Journal of Pain, 2021, 25, 2050-2064.	2.8	4
156	S1 Brain Connectivity in Carpal Tunnel Syndrome Underlies Median Nerve and Functional Improvement Following Electro-Acupuncture. Frontiers in Neurology, 2021, 12, 754670.	2.4	4
157	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. Frontiers in Human Neuroscience, 2016, 10, 404.	2.0	3
158	Acupuncture Research in Animal Models: Rationale, Needling Methods and the Urgent Need for a Standards for Reporting Interventions in Clinical Trials of Acupunctureâ€“Standards for Reporting Interventions in Acupuncture Using Animal Models Adaptation. Journal of Alternative and Complementary Medicine, 2021, 27, 193-197.	2.1	3
159	The â€œselfâ€•in pain: high levels of schema-enmeshment worsen fibromyalgia impact. BMC Musculoskeletal Disorders, 2021, 22, 871.	1.9	3
160	The Effects of Combined Respiratory-Gated Auricular Vagal Afferent Nerve Stimulation and Mindfulness Meditation for Chronic Low Back Pain: A Pilot Study. Pain Medicine, 2022, 23, 1570-1581.	1.9	3
161	Percutaneous electric nerve field stimulation alters cortical thickness in a pilot study of veterans with fibromyalgia. Neurobiology of Pain (Cambridge, Mass), 2022, 12, 100093.	2.5	3
162	Neurobiological Mechanisms of Acupuncture 2014. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-2.	1.2	2

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163	Editorial: Functional Connectivity: Dissecting the Relationship Between the Brain and â€œPain Centralizationâ€• in Rheumatoid Arthritis. Arthritis and Rheumatology, 2018, 70, 977-980.	5.6	2
164	[¹¹C]PBR28 radiotracer kinetics are not driven by alterations in cerebral blood flow. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 3069-3084.	4.3	2
165	Skin Temperature of Acupoints in Health and Disease: A Systematic Review. , 2022, , .		2
166	Neurobiological Mechanisms of Acupuncture. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-2.	1.2	1
167	Reply. Arthritis and Rheumatology, 2014, 66, 1684-1685.	5.6	1
168	Frequency-Dependent Effects of Exhalatory-Gated Transcutaneous Vagus Nerve Stimulation on Cardiac Autonomic Regulation in Hypertension. , 2020, , .		1
169	Turning Point: A Review of Key Research and Engagement in 2021. Journal of Alternative and Complementary Medicine, 2021, 27, 1018-1022.	2.1	1
170	A Combined fMRI and Heart Rate Variability Paradigm for Assessment of Central Autonomic Modulation. , 2007, , .		0
171	Acupuncture in Critically Ill Patients Improves Delayed Gastric Emptying: A Randomized Controlled Trial. Deutsche Zeitschrift FÃ¼r Akupunktur, 2011, 54, 28-29.	0.1	0
172	575 Insular Cortex Mediates Autonomic Nervous System Response to Nausea. Gastroenterology, 2013, 144, S-108.	1.3	0
173	682 Brain Circuitry of Autonomic Nervous System Outflow in Response to Nausea. Gastroenterology, 2014, 146, S-121.	1.3	0
174	Traditional Chinese Medicine and Autonomic Disorders. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-2.	1.2	0
175	Reply. Pain, 2017, 158, 2054-2055.	4.2	0
176	The mindful migraine: does mindfulness-based stress reduction relieve episodic migraine?. Pain, 2020, 161, 1685-1687.	4.2	0
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