

Vitaly Napadow

List of Publications by Year in descending order

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Version: 2024-02-01

181
papers

12,676
citations

25034

57
h-index

28297

105
g-index

190
all docs

190
docs citations

190
times ranked

10276
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroimmune signatures in chronic low back pain subtypes. <i>Brain</i> , 2022, 145, 1098-1110.	7.6	24
2	Dynamic Functional Brain Connectivity Underlying Temporal Summation of Pain in Fibromyalgia. <i>Arthritis and Rheumatology</i> , 2022, 74, 700-710.	5.6	16
3	Patient-clinician brain concordance underlies causal dynamics in nonverbal communication and negative affective expressivity. <i>Translational Psychiatry</i> , 2022, 12, 44.	4.8	10
4	The Effects of Combined Respiratory-Gated Auricular Vagal Afferent Nerve Stimulation and Mindfulness Meditation for Chronic Low Back Pain: A Pilot Study. <i>Pain Medicine</i> , 2022, 23, 1570-1581.	1.9	3
5	Comparison of test-retest reliability of BOLD and pCASL fMRI in a two-center study. <i>BMC Medical Imaging</i> , 2022, 22, 62.	2.7	5
6	Skin Temperature of Acupoints in Health and Disease: A Systematic Review. , 2022, , .		2
7	Cine gastric MRI reveals altered Gut-Brain Axis in Functional Dyspepsia: gastric motility is linked with brainstem-cortical fMRI connectivity. <i>Neurogastroenterology and Motility</i> , 2022, 34, e14396.	3.0	6
8	Percutaneous electric nerve field stimulation alters cortical thickness in a pilot study of veterans with fibromyalgia. <i>Neurobiology of Pain (Cambridge, Mass)</i> , 2022, 12, 100093.	2.5	3
9	Central nervous system pathways of nausea and vomiting. , 2022, , 11-25.		0
10	Inpainting as a Technique for Estimation of Missing Voxels in Brain Imaging. <i>Annals of Biomedical Engineering</i> , 2021, 49, 345-353.	2.5	10
11	Interventions and Manipulations of Interoception. <i>Trends in Neurosciences</i> , 2021, 44, 52-62.	8.6	92
12	Increased Salience Network Connectivity Following Manual Therapy is Associated with Reduced Pain in Chronic Low Back Pain Patients. <i>Journal of Pain</i> , 2021, 22, 545-555.	1.4	21
13	Greater Somatosensory Afference With Acupuncture Increases Primary Somatosensory Connectivity and Alleviates Fibromyalgia Pain via Insular β -Aminobutyric Acid: A Randomized Neuroimaging Trial. <i>Arthritis and Rheumatology</i> , 2021, 73, 1318-1328.	5.6	32
14	Thalamic neurometabolite alterations in patients with knee osteoarthritis before and after total knee replacement. <i>Pain</i> , 2021, 162, 2014-2023.	4.2	15
15	Modifiable Psychological Factors Affecting Functioning in Fibromyalgia. <i>Journal of Clinical Medicine</i> , 2021, 10, 803.	2.4	8
16	Acupuncture Research in Animal Models: Rationale, Needling Methods and the Urgent Need for a Standards for Reporting Interventions in Clinical Trials of Acupuncture- Standards for Reporting Interventions in Acupuncture Using Animal Models Adaptation. <i>Journal of Alternative and Complementary Medicine</i> , 2021, 27, 193-197.	2.1	3
17	Non-uniform gastric wall kinematics revealed by 4D Cine magnetic resonance imaging in humans. <i>Neurogastroenterology and Motility</i> , 2021, 33, e14146.	3.0	9
18	[¹¹ C]PBR28 radiotracer kinetics are not driven by alterations in cerebral blood flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 3069-3084.	4.3	2

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19	3D magnetic resonance spectroscopic imaging reveals links between brain metabolites and multidimensional pain features in fibromyalgia. <i>European Journal of Pain</i> , 2021, 25, 2050-2064.	2.8	4
20	Measuring the success of blinding in placebo-controlled trials: Should we be so quick to dismiss it?. <i>Journal of Clinical Epidemiology</i> , 2021, 135, 176-181.	5.0	12
21	Respiratory-gated auricular vagal afferent nerve stimulation (RAVANS) modulates brain response to stress in major depression. <i>Journal of Psychiatric Research</i> , 2021, 142, 188-197.	3.1	7
22	Thalamic neuroinflammation as a reproducible and discriminating signature for chronic low back pain. <i>Pain</i> , 2021, 162, 1241-1249.	4.2	24
23	A picture is worth a thousand words: linking fibromyalgia pain widespreadness from digital pain drawings with pain catastrophizing and brain cross-network connectivity. <i>Pain</i> , 2021, 162, 1352-1363.	4.2	28
24	S1 Brain Connectivity in Carpal Tunnel Syndrome Underlies Median Nerve and Functional Improvement Following Electro-Acupuncture. <i>Frontiers in Neurology</i> , 2021, 12, 754670.	2.4	4
25	The "self" in pain: high levels of schema-enmeshment worsen fibromyalgia impact. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 871.	1.9	3
26	Feasibility of Auricular Field Stimulation in Fibromyalgia: Evaluation by Functional Magnetic Resonance Imaging, Randomized Trial. <i>Pain Medicine</i> , 2021, 22, 715-726.	1.9	7
27	Turning Point: A Review of Key Research and Engagement in 2021. <i>Journal of Alternative and Complementary Medicine</i> , 2021, 27, 1018-1022.	2.1	1
28	Dynamic brain-to-brain concordance and behavioral mirroring as a mechanism of the patient-clinician interaction. <i>Science Advances</i> , 2020, 6, .	10.3	46
29	Aberrant Salience? Brain Hyperactivation in Response to Pain Onset and Offset in Fibromyalgia. <i>Arthritis and Rheumatology</i> , 2020, 72, 1203-1213.	5.6	19
30	The association between daily physical exercise and pain among women with fibromyalgia: the moderating role of pain catastrophizing. <i>Pain Reports</i> , 2020, 5, e832.	2.7	14
31	Distinct thalamocortical network dynamics are associated with the pathophysiology of chronic low back pain. <i>Nature Communications</i> , 2020, 11, 3948.	12.8	59
32	The mindful migraine: does mindfulness-based stress reduction relieve episodic migraine?. <i>Pain</i> , 2020, 161, 1685-1687.	4.2	0
33	Brief Self-Compassion Training Alters Neural Responses to Evoked Pain for Chronic Low Back Pain: A Pilot Study. <i>Pain Medicine</i> , 2020, 21, 2172-2185.	1.9	24
34	TIDieR-Placebo: A guide and checklist for reporting placebo and sham controls. <i>PLoS Medicine</i> , 2020, 17, e1003294.	8.4	52
35	Frequency-Dependent Effects of Exhalatory-Gated Transcutaneous Vagus Nerve Stimulation on Cardiac Autonomic Regulation in Hypertension. , 2020, , .		1
36	Modulatory Effects of Respiratory-Gated Auricular Vagal Nerve Stimulation on Cardiovascular Activity in Hypertension*. , 2020, 2020, 2581-2584.		6

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37	Effects of Respiratory-Gated Auricular Vagal Afferent Nerve Stimulation (RAVANS) in Hypertensive Patients during the Handgrip experiment. , 2020, , .		0
38	Transcutaneous vagus nerve stimulation increases locus coeruleus function and memory performance in older individuals. Alzheimer's and Dementia, 2020, 16, e044766.	0.8	4
39	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
40	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
41	Extra-axial Inflammatory Signal in Parameninges in Migraine with Visual Aura. Annals of Neurology, 2020, 87, 939-949.	5.3	60
42	Impact of sex and depressed mood on the central regulation of cardiac autonomic function. Neuropsychopharmacology, 2020, 45, 1280-1288.	5.4	9
43	Magnetic resonance imaging of neuroinflammation in chronic pain: a role for astrogliosis?. Pain, 2020, 161, 1555-1564.	4.2	24
44	In-vivo imaging of neuroinflammation in veterans with Gulf War illness. Brain, Behavior, and Immunity, 2020, 87, 498-507.	4.1	80
45	Electrical stimulation of cranial nerves in cognition and disease. Brain Stimulation, 2020, 13, 717-750.	1.6	82
46	Striatal hypofunction as a neural correlate of mood alterations in chronic pain patients. NeuroImage, 2020, 211, 116656.	4.2	29
47	Mindfulness in migraine: A narrative review. Expert Review of Neurotherapeutics, 2020, 20, 207-225.	2.8	42
48	Stimulus frequency modulates brainstem response to respiratory-gated transcutaneous auricular vagus nerve stimulation. Brain Stimulation, 2020, 13, 970-978.	1.6	61
49	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
50	Impaired mesocorticolimbic connectivity underlies increased pain sensitivity in chronic low back pain. NeuroImage, 2020, 218, 116969.	4.2	43
51	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
52	Neuroimaging Somatosensory and Therapeutic Alliance Mechanisms Supporting Acupuncture. Medical Acupuncture, 2020, 32, 400-402.	0.6	0
53	SPARC: Respiratory-Gated Transcutaneous Vagus Nerve Stimulation Modulates Gastric Function in Functional Dyspepsia. FASEB Journal, 2020, 34, 1-1.	0.5	0
54	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

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55	Inadequate description of placebo and sham controls in a systematic review of recent trials. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13169.	3.4	11
56	Multivariate resting-state functional connectivity predicts responses to real and sham acupuncture treatment in chronic low back pain. <i>NeuroImage: Clinical</i> , 2019, 23, 101885.	2.7	58
57	Visual network alterations in brain functional connectivity in chronic low back pain: A resting state functional connectivity and machine learning study. <i>NeuroImage: Clinical</i> , 2019, 22, 101775.	2.7	69
58	Acupuncture for Chronic Low Back Pain: Recommendations to Medicare/Medicaid from the Society for Acupuncture Research. <i>Journal of Alternative and Complementary Medicine</i> , 2019, 25, 367-369.	2.1	13
59	Imaging of neuroinflammation in migraine with aura. <i>Neurology</i> , 2019, 92, e2038-e2050.	1.1	83
60	Identifying brain regions associated with the neuropathology of chronic low back pain: a resting-state amplitude of low-frequency fluctuation study. <i>British Journal of Anaesthesia</i> , 2019, 123, e303-e311.	3.4	73
61	Machine learning-based prediction of clinical pain using multimodal neuroimaging and autonomic metrics. <i>Pain</i> , 2019, 160, 550-560.	4.2	83
62	The influence of respiration on brainstem and cardiovagal response to auricular vagus nerve stimulation: A multimodal ultrahigh-field (7T) fMRI study. <i>Brain Stimulation</i> , 2019, 12, 911-921.	1.6	104
63	Brainstem neuroimaging of nociception and pain circuitries. <i>Pain Reports</i> , 2019, 4, e745.	2.7	40
64	Abnormal medial prefrontal cortex functional connectivity and its association with clinical symptoms in chronic low back pain. <i>Pain</i> , 2019, 160, 1308-1318.	4.2	81
65	The relationship between catastrophizing and altered pain sensitivity in patients with chronic low-back pain. <i>Pain</i> , 2019, 160, 833-843.	4.2	101
66	Somatotopically specific primary somatosensory connectivity to salience and default mode networks encodes clinical pain. <i>Pain</i> , 2019, 160, 1594-1605.	4.2	62
67	Brain glial activation in fibromyalgia – A multi-site positron emission tomography investigation. <i>Brain, Behavior, and Immunity</i> , 2019, 75, 72-83.	4.1	186
68	Editorial: Neural Substrates of Acupuncture: From Peripheral to Central Nervous System Mechanisms. <i>Frontiers in Neuroscience</i> , 2019, 13, 1419.	2.8	10
69	Enhancing treatment of osteoarthritis knee pain by boosting expectancy: A functional neuroimaging study. <i>NeuroImage: Clinical</i> , 2018, 18, 325-334.	2.7	53
70	Encoding of Self-Referential Pain Catastrophizing in the Posterior Cingulate Cortex in Fibromyalgia. <i>Arthritis and Rheumatology</i> , 2018, 70, 1308-1318.	5.6	42
71	Challenges and opportunities for brainstem neuroimaging with ultrahigh field MRI. <i>NeuroImage</i> , 2018, 168, 412-426.	4.2	121
72	Interactive effects of pain catastrophizing and mindfulness on pain intensity in women with fibromyalgia. <i>Health Psychology Open</i> , 2018, 5, 205510291880740.	1.4	24

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73	When a White Horse is a Horse: Embracing the (Obvious?) Overlap Between Acupuncture and Neuromodulation. <i>Journal of Alternative and Complementary Medicine</i> , 2018, 24, 621-623.	2.1	12
74	Editorial: Functional Connectivity: Dissecting the Relationship Between the Brain and “Pain Centralization” in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2018, 70, 977-980.	5.6	2
75	Brain Mechanisms of Anticipated Painful Movements and Their Modulation by Manual Therapy in Chronic Low Back Pain. <i>Journal of Pain</i> , 2018, 19, 1352-1365.	1.4	31
76	Functional Magnetic Resonance Imaging Evaluation of Auricular Percutaneous Electrical Neural Field Stimulation for Fibromyalgia: Protocol for a Feasibility Study. <i>JMIR Research Protocols</i> , 2018, 7, e39.	1.0	5
77	Motion sickness increases functional connectivity between visual motion and nausea-associated brain regions. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 202, 108-113.	2.8	40
78	Rewiring the primary somatosensory cortex in carpal tunnel syndrome with acupuncture. <i>Brain</i> , 2017, 140, 914-927.	7.6	114
79	Pharmacological Modulation of Noradrenergic Arousal Circuitry Disrupts Functional Connectivity of the Locus Ceruleus in Humans. <i>Journal of Neuroscience</i> , 2017, 37, 6938-6945.	3.6	65
80	Dexmedetomidine Disrupts the Local and Global Efficiencies of Large-scale Brain Networks. <i>Anesthesiology</i> , 2017, 126, 419-430.	2.5	73
81	Modulation of brainstem activity and connectivity by respiratory-gated auricular vagal afferent nerve stimulation in migraine patients. <i>Pain</i> , 2017, 158, 1461-1472.	4.2	99
82	Evoked Pressure Pain Sensitivity Is Associated with Differential Analgesic Response to Verum and Sham Acupuncture in Fibromyalgia. <i>Pain Medicine</i> , 2017, 18, 1582-1592.	1.9	31
83	Painful After-Sensations in Fibromyalgia are Linked to Catastrophizing and Differences in Brain Response in the Medial Temporal Lobe. <i>Journal of Pain</i> , 2017, 18, 855-867.	1.4	35
84	Reply. <i>Pain</i> , 2017, 158, 2054-2055.	4.2	0
85	Effects of Cognitive-Behavioral Therapy (CBT) on Brain Connectivity Supporting Catastrophizing in Fibromyalgia. <i>Clinical Journal of Pain</i> , 2017, 33, 215-221.	1.9	103
86	Reduced insula habituation associated with amplification of trigeminal brainstem input in migraine. <i>Cephalalgia</i> , 2017, 37, 1026-1038.	3.9	26
87	The National Cancer Institute’s Conference on Acupuncture for Symptom Management in Oncology: State of the Science, Evidence, and Research Gaps. <i>Journal of the National Cancer Institute Monographs</i> , 2017, 2017, .	2.1	85
88	Respiratory-gated Auricular Vagal Afferent Nerve Stimulation (RAVANS) effects on autonomic outflow in hypertension. , 2017, 2017, 3130-3133.		15
89	Influence of the patient-practitioner interaction context on acupuncture outcomes in functional dyspepsia: study protocol for a multicenter randomized controlled trial. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 363.	3.7	6
90	Brain Circuitry Supporting Multi-Organ Autonomic Outflow in Response to Nausea. <i>Cerebral Cortex</i> , 2016, 26, bhu172.	2.9	40

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91	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
92	Sustained Effects of Acupuncture Stimulation Investigated with Centrality Mapping Analysis. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 510.	2.0	21
93	Association of Alterations in Gray Matter Volume With Reduced Evoked Pain Connectivity Following Short-Term Administration of Pregabalin in Patients With Fibromyalgia. <i>Arthritis and Rheumatology</i> , 2016, 68, 1511-1521.	5.6	18
94	Migraine and Puberty: Potential Susceptible Brain Sites. <i>Seminars in Pediatric Neurology</i> , 2016, 23, 53-59.	2.0	10
95	Neuroimaging brainstem circuitry supporting cardiovagal response to pain: a combined heart rate variability/ultrahigh-field (7 T) functional magnetic resonance imaging study. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150189.	3.4	39
96	Primary somatosensory/motor cortical thickness distinguishes paresthesia-dominant from pain-dominant carpal tunnel syndrome. <i>Pain</i> , 2016, 157, 1085-1093.	4.2	32
97	Unanticipated Insights into Biomedicine from the Study of Acupuncture. <i>Journal of Alternative and Complementary Medicine</i> , 2016, 22, 101-107.	2.1	43
98	Functional Connectivity Is Associated With Altered Brain Chemistry in Women With Endometriosis-Associated Chronic Pelvic Pain. <i>Journal of Pain</i> , 2016, 17, 1-13.	1.4	135
99	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.	2.0	29
100	Traditional Chinese Medicine and Autonomic Disorders. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-2.	1.2	0
101	Combining sudomotor nerve impulse estimation with fMRI to investigate the central sympathetic response to nausea. , 2015, 2015, 4683-6.		4
102	Electrical Stimulation of the Vagus Nerve Dermatome in the External Ear is Protective in Rat Cerebral Ischemia. <i>Brain Stimulation</i> , 2015, 8, 7-12.	1.6	71
103	Evoked itch perception is associated with changes in functional brain connectivity. <i>NeuroImage: Clinical</i> , 2015, 7, 213-221.	2.7	32
104	Evidence for brain glial activation in chronic pain patients. <i>Brain</i> , 2015, 138, 604-615.	7.6	372
105	Fibromyalgia is characterized by altered frontal and cerebellar structural covariance brain networks. <i>NeuroImage: Clinical</i> , 2015, 7, 667-677.	2.7	51
106	The Lateral Prefrontal Cortex Mediates the Hyperalgesic Effects of Negative Cognitions in Chronic Pain Patients. <i>Journal of Pain</i> , 2015, 16, 692-699.	1.4	49
107	Manual and Electrical Needle Stimulation in Acupuncture Research: Pitfalls and Challenges of Heterogeneity. <i>Journal of Alternative and Complementary Medicine</i> , 2015, 21, 113-128.	2.1	86
108	The Somatosensory Link in Fibromyalgia: Functional Connectivity of the Primary Somatosensory Cortex Is Altered by Sustained Pain and Is Associated With Clinical/Autonomic Dysfunction. <i>Arthritis and Rheumatology</i> , 2015, 67, 1395-1405.	5.6	124

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109	Placebo-Induced Somatic Sensations: A Multi-Modal Study of Three Different Placebo Interventions. PLoS ONE, 2015, 10, e0124808.	2.5	28
110	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
111	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
112	Neurobiological Mechanisms of Acupuncture 2014. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-2.	1.2	2
113	Disruption of thalamic functional connectivity is a neural correlate of dexmedetomidine-induced unconsciousness. ELife, 2014, 3, e04499.	6.0	135
114	Acupuncture for allergic disease therapy – the current state of evidence. Expert Review of Clinical Immunology, 2014, 10, 831-841.	3.0	18
115	Functional deficits in carpal tunnel syndrome reflect reorganization of primary somatosensory cortex. Brain, 2014, 137, 1741-1752.	7.6	65
116	The Brain Circuitry Mediating Antipruritic Effects of Acupuncture. Cerebral Cortex, 2014, 24, 873-882.	2.9	73
117	Disrupted functional connectivity of the periaqueductal gray in chronic low back pain. Neurolmage: Clinical, 2014, 6, 100-108.	2.7	181
118	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
119	Disrupted Brain Circuitry for Pain-Related Reward/Punishment in Fibromyalgia. Arthritis and Rheumatology, 2014, 66, 203-212.	5.6	139
120	Phenotype Matters. Clinical Journal of Pain, 2014, 30, 839-845.	1.9	20
121	Altered Resting State Connectivity of the Insular Cortex in Individuals With Fibromyalgia. Journal of Pain, 2014, 15, 815-826.e1.	1.4	133
122	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
123	682 Brain Circuitry of Autonomic Nervous System Outflow in Response to Nausea. Gastroenterology, 2014, 146, S-121.	1.3	0
124	Reply. Arthritis and Rheumatology, 2014, 66, 1684-1685.	5.6	1
125	Decreased Peripheral and Central Responses to Acupuncture Stimulation following Modification of Body Ownership. PLoS ONE, 2014, 9, e109489.	2.5	20
126	Brain correlates of phasic autonomic response to acupuncture stimulation: An event-related fMRI study. Human Brain Mapping, 2013, 34, 2592-2606.	3.6	67

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127	575 Insular Cortex Mediates Autonomic Nervous System Response to Nausea. Gastroenterology, 2013, 144, S-108.	1.3	0
128	Default mode network connectivity encodes clinical pain: An arterial spin labeling study. Pain, 2013, 154, 24-33.	4.2	264
129	Altered brain morphometry in carpal tunnel syndrome is associated with median nerve pathology. NeuroImage: Clinical, 2013, 2, 313-319.	2.7	57
130	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
131	Acupuncture Evoked Response in Contralateral Somatosensory Cortex Reflects Peripheral Nerve Pathology of Carpal Tunnel Syndrome. Medical Acupuncture, 2013, 25, 275-284.	0.6	19
132	The Brain Circuitry Underlying the Temporal Evolution of Nausea in Humans. Cerebral Cortex, 2013, 23, 806-813.	2.9	170
133	The missing link: Enhanced functional connectivity between amygdala and viscerosensitive cortex in migraine. Cephalalgia, 2013, 33, 1264-1268.	3.9	138
134	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
135	Sustained deep-tissue pain alters functional brain connectivity. Pain, 2013, 154, 1343-1351.	4.2	52
136	Neurobiological Mechanisms of Acupuncture. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-2.	1.2	1
137	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
138	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
139	Complementary integrative medicine in atopic diseases – an overview. Focus on Alternative and Complementary Therapies, 2013, 18, 77-84.	0.1	5
140	Pregabalin Rectifies Aberrant Brain Chemistry, Connectivity, and Functional Response in Chronic Pain Patients. Anesthesiology, 2013, 119, 1453-1464.	2.5	225
141	Alternatives to prokinetics to move the pylorus and colon. Current Opinion in Clinical Nutrition and Metabolic Care, 2012, 15, 166-173.	2.5	5
142	Spatio-temporal mapping cortical neuroplasticity in carpal tunnel syndrome. Brain, 2012, 135, 3062-3073.	7.6	29
143	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
144	Multi-parameter autonomic-based pain assessment: More is more?. Pain, 2012, 153, 1779-1780.	4.2	10

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145	Disentangling linear and nonlinear brain responses to evoked deep tissue pain. Pain, 2012, 153, 2140-2151.	4.2	54
146	Brief Report: Decreased intrinsic brain connectivity is associated with reduced clinical pain in fibromyalgia. Arthritis and Rheumatism, 2012, 64, 2398-2403.	6.7	237
147	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
148	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
149	Acupuncture in Critically Ill Patients Improves Delayed Gastric Emptying. Anesthesia and Analgesia, 2011, 112, 150-155.	2.2	50
150	Neural Correlates of Chronic Low Back Pain Measured by Arterial Spin Labeling. Anesthesiology, 2011, 115, 364-374.	2.5	108
151	Fig. A. Aviation, Space, and Environmental Medicine, 2011, 82, 424-33.	0.5	29
152	Differences in cortical response to acupressure and electroacupuncture stimuli. BMC Neuroscience, 2011, 12, 73.	1.9	24
153	Acupuncture in Critically Ill Patients Improves Delayed Gastric Emptying: A Randomized Controlled Trial. Deutsche Zeitschrift F�r Akupunktur, 2011, 54, 28-29.	0.1	0
154	Quantitative Markers for Neuropsychiatric Disease: Give It a Rest. Radiology, 2011, 259, 17-19.	7.3	5
155	Paradoxes in Acupuncture Research: Strategies for Moving Forward. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-11.	1.2	220
156	Monitoring Acupuncture Effects on Human Brain by fMRI. Journal of Visualized Experiments, 2010, , .	0.3	15
157	Intrinsic brain connectivity in fibromyalgia is associated with chronic pain intensity. Arthritis and Rheumatism, 2010, 62, 2545-2555.	6.7	531
158	Resolving Paradoxes in Acupuncture Research: A Roundtable Discussion. Journal of Alternative and Complementary Medicine, 2009, 15, 1039-1044.	2.1	17
159	Acupuncture mobilizes the brain's default mode and its anti-correlated network in healthy subjects. Brain Research, 2009, 1287, 84-103.	2.2	120
160	Elevated insular glutamate in fibromyalgia is associated with experimental pain. Arthritis and Rheumatism, 2009, 60, 3146-3152.	6.7	270
161	Time-variant fMRI activity in the brainstem and higher structures in response to acupuncture. NeuroImage, 2009, 47, 289-301.	4.2	101
162	Physiological recordings: Basic concepts and implementation during functional magnetic resonance imaging. NeuroImage, 2009, 47, 1105-1115.	4.2	52

#	ARTICLE	IF	CITATIONS
163	Brain encoding of acupuncture sensation – Coupling on-line rating with fMRI. NeuroImage, 2009, 47, 1055-1065.	4.2	110
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