

Richard E Harris

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

7,405
citations

41344

49
h-index

56724

83
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96
all docs

96
docs citations

96
times ranked

6368
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic brain connectivity in fibromyalgia is associated with chronic pain intensity. <i>Arthritis and Rheumatism</i> , 2010, 62, 2545-2555.	6.7	531
2	Decreased Central μ -Opioid Receptor Availability in Fibromyalgia. <i>Journal of Neuroscience</i> , 2007, 27, 10000-10006.	3.6	445
3	Subgrouping of fibromyalgia patients on the basis of pressure-pain thresholds and psychological factors. <i>Arthritis and Rheumatism</i> , 2003, 48, 2916-2922.	6.7	352
4	Elevated insular glutamate in fibromyalgia is associated with experimental pain. <i>Arthritis and Rheumatism</i> , 2009, 60, 3146-3152.	6.7	270
5	Traditional Chinese acupuncture and placebo (sham) acupuncture are differentiated by their effects on μ -opioid receptors (MORs). <i>NeuroImage</i> , 2009, 47, 1077-1085.	4.2	265
6	Brief Report: Decreased intrinsic brain connectivity is associated with reduced clinical pain in fibromyalgia. <i>Arthritis and Rheumatism</i> , 2012, 64, 2398-2403.	6.7	237
7	Pregabalin Rectifies Aberrant Brain Chemistry, Connectivity, and Functional Response in Chronic Pain Patients. <i>Anesthesiology</i> , 2013, 119, 1453-1464.	2.5	225
8	The neurobiology of central sensitization. <i>Journal of Applied Biobehavioral Research</i> , 2018, 23, e12137.	2.0	210
9	Chronic nociplastic pain affecting the musculoskeletal system: clinical criteria and grading system. <i>Pain</i> , 2021, 162, 2629-2634.	4.2	205
10	Dynamic levels of glutamate within the insula are associated with improvements in multiple pain domains in fibromyalgia. <i>Arthritis and Rheumatism</i> , 2008, 58, 903-907.	6.7	193
11	Reduced insular β -aminobutyric acid in fibromyalgia. <i>Arthritis and Rheumatism</i> , 2012, 64, 579-583.	6.7	171
12	Momentary relationship between cortisol secretion and symptoms in patients with fibromyalgia. <i>Arthritis and Rheumatism</i> , 2005, 52, 3660-3669.	6.7	160
13	Disrupted Brain Circuitry for Pain-Related Reward/Punishment in Fibromyalgia. <i>Arthritis and Rheumatology</i> , 2014, 66, 203-212.	5.6	139
14	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
15	Altered Resting State Connectivity of the Insular Cortex in Individuals With Fibromyalgia. <i>Journal of Pain</i> , 2014, 15, 815-826.e1.	1.4	133
16	Endogenous opioidergic dysregulation of pain in fibromyalgia: a PET and fMRI study. <i>Pain</i> , 2016, 157, 2217-2225.	4.2	130
17	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
18	Characterization and consequences of pain variability in individuals with fibromyalgia. <i>Arthritis and Rheumatism</i> , 2005, 52, 3670-3674.	6.7	123

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19	The Potential Role of Sensory Testing, Skin Biopsy, and Functional Brain Imaging as Biomarkers in Chronic Pain Clinical Trials: IMMPACT Considerations. <i>Journal of Pain</i> , 2017, 18, 757-777.	1.4	115
20	Treatment of Fibromyalgia with Formula Acupuncture: Investigation of Needle Placement, Needle Stimulation, and Treatment Frequency. <i>Journal of Alternative and Complementary Medicine</i> , 2005, 11, 663-671.	2.1	112
21	Brain signature and functional impact of centralized pain: a multidisciplinary approach to the study of chronic pelvic pain (MAPP) network study. <i>Pain</i> , 2017, 158, 1979-1991.	4.2	106
22	Increased Pressure Pain Sensitivity in Women With Chronic Pelvic Pain. <i>Obstetrics and Gynecology</i> , 2013, 122, 1047-1055.	2.4	105
23	A multi-modal MRI study of the central response to inflammation in rheumatoid arthritis. <i>Nature Communications</i> , 2018, 9, 2243.	12.8	99
24	Changes in resting state functional connectivity after repetitive transcranial direct current stimulation applied to motor cortex in fibromyalgia patients. <i>Arthritis Research and Therapy</i> , 2016, 18, 40.	3.5	96
25	Augmented Central Pain Processing in Vulvodynia. <i>Journal of Pain</i> , 2013, 14, 579-589.	1.4	95
26	Investigation of 2 Types of Self-administered Acupressure for Persistent Cancer-Related Fatigue in Breast Cancer Survivors. <i>JAMA Oncology</i> , 2016, 2, 1470.	7.1	90
27	Cerebrospinal Fluid Corticotropin-Releasing Factor Concentration is Associated with Pain but not Fatigue Symptoms in Patients with Fibromyalgia. <i>Neuropsychopharmacology</i> , 2006, 31, 2776-2782.	5.4	89
28	Brief Report: Excitatory and Inhibitory Brain Metabolites as Targets of Motor Cortex Transcranial Direct Current Stimulation Therapy and Predictors of Its Efficacy in Fibromyalgia. <i>Arthritis and Rheumatology</i> , 2015, 67, 576-581.	5.6	88
29	Catechol O-Methyltransferase Haplotype Predicts Immediate Musculoskeletal Neck Pain and Psychological Symptoms After Motor Vehicle Collision. <i>Journal of Pain</i> , 2011, 12, 101-107.	1.4	83
30	Learning to identify CNS drug action and efficacy using multistudy fMRI data. <i>Science Translational Medicine</i> , 2015, 7, 274ra16.	12.4	82
31	Increased Brain Gray Matter in the Primary Somatosensory Cortex is Associated with Increased Pain and Mood Disturbance in Patients with Interstitial Cystitis/Painful Bladder Syndrome. <i>Journal of Urology</i> , 2015, 193, 131-137.	0.4	82
32	Fibromyalgia and Chronic Pain Syndromes. <i>Clinical Journal of Pain</i> , 2016, 32, 737-746.	1.9	81
33	Differences in unpleasantness induced by experimental pressure pain between patients with fibromyalgia and healthy controls. <i>European Journal of Pain</i> , 2005, 9, 325-325.	2.8	76
34	Altered Excitation-inhibition Balance in the Brain of Patients with Diabetic Neuropathy. <i>Academic Radiology</i> , 2012, 19, 607-612.	2.5	73
35	Frequency of Hospitalizations for Pain and Association With Altered Brain Network Connectivity in Sickle Cell Disease. <i>Journal of Pain</i> , 2015, 16, 1077-1086.	1.4	71
36	What has functional connectivity and chemical neuroimaging in fibromyalgia taught us about the mechanisms and management of 'centralized' pain?. <i>Arthritis Research and Therapy</i> , 2014, 16, 425.	3.5	70

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37	Resting Functional Connectivity of the Periaqueductal Gray Is Associated With Normal Inhibition and Pathological Facilitation in Conditioned Pain Modulation. <i>Journal of Pain</i> , 2018, 19, 635.e1-635.e15.	1.4	70
38	Brain correlates of phasic autonomic response to acupuncture stimulation: An event-related fMRI study. <i>Human Brain Mapping</i> , 2013, 34, 2592-2606.	3.6	67
39	Altered resting state neuromotor connectivity in men with chronic prostatitis/chronic pelvic pain syndrome: A MAPP. <i>NeuroImage: Clinical</i> , 2015, 8, 493-502.	2.7	66
40	Neurobiologic Features of Fibromyalgia Are Also Present Among Rheumatoid Arthritis Patients. <i>Arthritis and Rheumatology</i> , 2018, 70, 1000-1007.	5.6	65
41	Comparison of Clinical and Evoked Pain Measures in Fibromyalgia. <i>Journal of Pain</i> , 2006, 7, 521-527.	1.4	64
42	Pharmacologic attenuation of cross-modal sensory augmentation within the chronic pain insula. <i>Pain</i> , 2016, 157, 1933-1945.	4.2	63
43	Coordinate-based (ALE) meta-analysis of brain activation in patients with fibromyalgia. <i>Human Brain Mapping</i> , 2016, 37, 1749-1758.	3.6	61
44	Imaging central neurochemical alterations in chronic pain with proton magnetic resonance spectroscopy. <i>Neuroscience Letters</i> , 2012, 520, 192-196.	2.1	60
45	Altered resting brain connectivity in persistent cancer related fatigue. <i>NeuroImage: Clinical</i> , 2015, 8, 305-313.	2.7	58
46	Alterations in Endogenous Opioid Functional Measures in Chronic Back Pain. <i>Journal of Neuroscience</i> , 2013, 33, 14729-14737.	3.6	57
47	The posterior medial cortex in urologic chronic pelvic pain syndrome. <i>Pain</i> , 2015, 156, 1755-1764.	4.2	57
48	Functional and neurochemical disruptions of brain hub topology in chronic pain. <i>Pain</i> , 2019, 160, 973-983.	4.2	56
49	Disentangling linear and nonlinear brain responses to evoked deep tissue pain. <i>Pain</i> , 2012, 153, 2140-2151.	4.2	54
50	Brain White Matter Abnormalities in Female Interstitial Cystitis/Bladder Pain Syndrome: A MAPP Network Neuroimaging Study. <i>Journal of Urology</i> , 2015, 194, 118-126.	0.4	54
51	Combined glutamate and glutamine levels in pain-processing brain regions are associated with individual pain sensitivity. <i>Pain</i> , 2016, 157, 2248-2256.	4.2	46
52	Functional Brain Network Mechanism of Hypersensitivity in Chronic Pain. <i>Scientific Reports</i> , 2018, 8, 243.	3.3	44
53	Relationships between brain metabolite levels, functional connectivity, and negative mood in urologic chronic pelvic pain syndrome patients compared to controls: A MAPP research network study. <i>NeuroImage: Clinical</i> , 2018, 17, 570-578.	2.7	44
54	Brain white matter changes associated with urological chronic pelvic pain syndrome: multisite neuroimaging from a MAPP case-control study. <i>Pain</i> , 2016, 157, 2782-2791.	4.2	43

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55	Unanticipated Insights into Biomedicine from the Study of Acupuncture. <i>Journal of Alternative and Complementary Medicine</i> , 2016, 22, 101-107.	2.1	43
56	Changes in Clinical Pain in Fibromyalgia Patients Correlate with Changes in Brain Activation in the Cingulate Cortex in a Response Inhibition Task. <i>Pain Medicine</i> , 2014, 15, 1346-1358.	1.9	42
57	Elevated excitatory neurotransmitter levels in the fibromyalgia brain. <i>Arthritis Research and Therapy</i> , 2010, 12, 141.	3.5	36
58	How do we know that the pain in fibromyalgia is "real"?. <i>Current Pain and Headache Reports</i> , 2006, 10, 403-407.	2.9	35
59	Self-â€Acupressure for Older Adults With Symptomatic Knee Osteoarthritis: A Randomized Controlled Trial. <i>Arthritis Care and Research</i> , 2018, 70, 221-229.	3.4	32
60	Greater Somatosensory Afference With Acupuncture Increases Primary Somatosensory Connectivity and Alleviates Fibromyalgia Pain via Insular Î³-â€Aminobutyric Acid: A Randomized Neuroimaging Trial. <i>Arthritis and Rheumatology</i> , 2021, 73, 1318-1328.	5.6	32
61	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
62	Acupuncture in 21st Century Anesthesia. <i>Anesthesia and Analgesia</i> , 2013, 116, 1356-1359.	2.2	30
63	Multisite, multimodal neuroimaging of chronic urological pelvic pain: Methodology of the MAPP Research Network. <i>NeuroImage: Clinical</i> , 2016, 12, 65-77.	2.7	29
64	Moderate Alcohol Consumption Is Associated with Reduced Pain and Fibromyalgia Symptoms in Chronic Pain Patients. <i>Pain Medicine</i> , 2018, 19, 2515-2527.	1.9	28
65	Objective Measures to Characterize the Physiological Effects of Spinal Cord Stimulation in Neuropathic Pain: A Literature Review. <i>Neuromodulation</i> , 2019, 22, 227-248.	0.8	28
66	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. <i>Medical Acupuncture</i> , 2013, 25, 154-160.	0.6	27
67	Brain imaging reveals covert consciousness during behavioral unresponsiveness induced by propofol. <i>Scientific Reports</i> , 2018, 8, 13195.	3.3	27
68	Quantitative assessment of nonpelvic pressure pain sensitivity in urologic chronic pelvic pain syndrome: a MAPP Research Network study. <i>Pain</i> , 2019, 160, 1270-1280.	4.2	26
69	Association of Inflammation With Pronociceptive Brain Connections in Rheumatoid Arthritis Patients With Concomitant Fibromyalgia. <i>Arthritis and Rheumatology</i> , 2020, 72, 41-46.	5.6	25
70	Magnetic resonance imaging of neuroinflammation in chronic pain: a role for astrogliosis?. <i>Pain</i> , 2020, 161, 1555-1564.	4.2	24
71	Using Acupressure to Modify Alertness in the Classroom: A Single-Blinded, Randomized, Cross-Over Trial. <i>Journal of Alternative and Complementary Medicine</i> , 2005, 11, 673-679.	2.1	21
72	A novel paradigm to evaluate conditioned pain modulation in fibromyalgia. <i>Journal of Pain Research</i> , 2016, Volume 9, 711-719.	2.0	20

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73	Altered network architecture of functional brain communities in chronic nociplastic pain. <i>NeuroImage</i> , 2021, 226, 117504.	4.2	20
74	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
75	Neurobiological antecedents of multisite pain in children. <i>Pain</i> , 2022, 163, e596-e603.	4.2	16
76	Brain Connectivity Patterns Dissociate Action of Specific Acupressure Treatments in Fatigued Breast Cancer Survivors. <i>Frontiers in Neurology</i> , 2017, 8, 298.	2.4	15
77	Neural Correlates of the Shamanic State of Consciousness. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 610466.	2.0	15
78	Prediction of Differential Pharmacologic Response in Chronic Pain Using Functional Neuroimaging Biomarkers and a Support Vector Machine Algorithm: An Exploratory Study. <i>Arthritis and Rheumatology</i> , 2021, 73, 2127-2137.	5.6	15
79	Newer treatments for fibromyalgia syndrome. <i>Therapeutics and Clinical Risk Management</i> , 2008, Volume 4, 1331-1342.	2.0	13
80	Natural bladder filling alters resting brain function at multiple spatial scales: a proof-of-concept MAPP Network Neuroimaging Study. <i>Scientific Reports</i> , 2020, 10, 19901.	3.3	11
81	Editorial: Neural Substrates of Acupuncture: From Peripheral to Central Nervous System Mechanisms. <i>Frontiers in Neuroscience</i> , 2019, 13, 1419.	2.8	10
82	Alteration of grey matter volume is associated with pain and quality of life in children with sickle cell disease. <i>Translational Research</i> , 2022, 240, 17-25.	5.0	10
83	Feasibility of a Randomized Controlled Trial of Self-Administered Acupressure for Symptom Management in Older Adults with Knee Osteoarthritis. <i>Journal of Alternative and Complementary Medicine</i> , 2016, 22, 396-403.	2.1	7
84	Targeting network hubs with noninvasive brain stimulation in patients with fibromyalgia. <i>Pain</i> , 2020, 161, 43-46.	4.2	6
85	Functional Magnetic Resonance Imaging Signal Variability Is Associated With Neuromodulation in Fibromyalgia. <i>Neuromodulation</i> , 2023, 26, 999-1008.	0.8	6
86	Explosive Synchronization-Based Brain Modulation Reduces Hypersensitivity in the Brain Network: A Computational Model Study. <i>Frontiers in Computational Neuroscience</i> , 2022, 16, 815099.	2.1	4
87	Multi-Site Observational Study to Assess Biomarkers for Susceptibility or Resilience to Chronic Pain: The Acute to Chronic Pain Signatures (A2CPS) Study Protocol. <i>Frontiers in Medicine</i> , 2022, 9, 849214.	2.6	4
88	Neurobiological Mechanisms of Acupuncture 2014. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-2.	1.2	2
89	Neurobiological Mechanisms of Acupuncture. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-2.	1.2	1
90	Reply. <i>Arthritis and Rheumatology</i> , 2014, 66, 1684-1685.	5.6	1

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91	Acupuncture “Rewires” the Brain with Lasting Effects. Journal of Alternative and Complementary Medicine, 2017, 23, 405-406.	2.1	1
92	Turning Point: A Review of Key Research and Engagement in 2021. Journal of Alternative and Complementary Medicine, 2021, 27, 1018-1022.	2.1	1
93	Central pain states: a shift in thinking about chronic pain. Journal of Family Practice, 2011, 60, S37-42.	0.2	1
94	Reply to Cohen. Pain, 2022, 163, e607-e608.	4.2	0