Joel D Greenspan

List of Publications by Year
in descending order

143 papers	9,499 citations	31976 53 h-index	42399 92 g-index
150 all docs	150 docs citations	150 times ranked	6605 citing authors

#	Article	IF	Citations
1	A checklist for assessing the methodological quality of concurrent tES-fMRI studies (ContES) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	12.0	21
2	Brain responses to painful electrical stimuli and cognitive tasks interact in the precuneus, posterior cingulate cortex, and inferior parietal cortex and do not vary across the menstrual cycle. Brain and Behavior, 2022, 12, e2593.	2.2	1
3	Tonic pain alters functional connectivity of the descending pain modulatory network involving amygdala, periaqueductal gray, parabrachial nucleus and anterior cingulate cortex. NeuroImage, 2022, 256, 119278.	4.2	11
4	Multi-ethnic GWAS and meta-analysis of sleep quality identify MPP6 as a novel gene that functions in sleep center neurons. Sleep, 2021, 44, .	1.1	5
5	During vigilance to painful stimuli: slower response rate is related to high trait anxiety, whereas faster response rate is related to high state anxiety. Journal of Neurophysiology, 2021, 125, 305-319.	1.8	5
6	During capsaicinâ€induced central sensitization, brush allodynia is associated with baseline warmth sensitivity, whereas mechanical hyperalgesia is associated with painful mechanical sensibility, anxiety and somatization. European Journal of Pain, 2021, 25, 1971-1993.	2.8	5
7	Effects of sex on placebo effects in chronic pain participants: a cross-sectional study. Pain, 2021, 162, 531-542.	4.2	16
8	Phenotypic profile clustering pragmatically identifies diagnostically and mechanistically informative subgroups of chronic pain patients. Pain, 2021, 162, 1528-1538.	4.2	19
9	Decreased grey matter volume in mTBI patients with post-traumatic headache compared to headache-free mTBI patients and healthy controls: a longitudinal MRI study. Brain Imaging and Behavior, 2020, 14, 1651-1659.	2.1	19
10	Premorbid and concurrent predictors of TMD onset and persistence. European Journal of Pain, 2020, 24, 145-158.	2.8	26
11	Missed targets, reaction times, and arousal are related to trait anxiety and attention to pain during an experimental vigilance task with a painful target. Journal of Neurophysiology, 2020, 123, 462-472.	1.8	4
12	Associations of Sleep Disturbance, Atopy, and Other Health Measures with Chronic Overlapping Pain Conditions. Journal of Oral and Facial Pain and Headache, 2020, 34, s73-s84.	1.4	10
13	Attributes Germane to Temporomandibular Disorders and Their Associations with Five Chronic Overlapping Pain Conditions. Journal of Oral and Facial Pain and Headache, 2020, 34, s57-s72.	1.4	7
14	Experimental Pain Sensitivity in Subjects with Temporomandibular Disorders and Multiple Other Chronic Pain Conditions: The OPPERA Prospective Cohort Study. Journal of Oral and Facial Pain and Headache, 2020, 34, s43-s56.	1.4	22
15	Authorsâ€™ Response: When You Come to the Fork in the Road, Take It! Future Research into Chronic Pain as a General Condition. Journal of Oral and Facial Pain and Headache, 2020, 34, s12-s14.	1.4	2
16	Placebo hypoalgesia: racial differences. Pain, 2020, 161, 1872-1883.	4.2	15
17	Clinical Characteristics of Pain Among Five Chronic Overlapping Pain Conditions. Journal of Oral and Facial Pain and Headache, 2020, 34, s29-s42.	1.4	19
18	Overlap of Five Chronic Pain Conditions: Temporomandibular Disorders, Headache, Back Pain, Irritable Bowel Syndrome, and Fibromyalgia. Journal of Oral and Facial Pain and Headache, 2020, 34, s15-s28.	1.4	50

#	Article	IF	Citations
19	Associations of Psychologic Factors with Multiple Chronic Overlapping Pain Conditions. Journal of Oral and Facial Pain and Headache, 2020, 34, s85-s100.	1.4	40
20	Menstrual Cycle Variations in Gray Matter Volume, White Matter Volume and Functional Connectivity: Critical Impact on Parietal Lobe. Frontiers in Neuroscience, 2020, 14, 594588.	2.8	16
21	New Developments in Non-invasive Brain Stimulation in Chronic Pain. Current Physical Medicine and Rehabilitation Reports, 2020, 8, 280-292.	0.8	9
22	Understanding the relationship between features associated with pain-related disability in people with painful temporomandibular disorder: an exploratory structural equation modeling approach. Pain, 2020, 161, 2710-2719.	4.2	7
23	Clinical predictors of persistent temporomandibular disorder in people with first-onset temporomandibular disorder. Journal of the American Dental Association, 2019, 150, 572-581.e10.	1.5	33
24	A functional substitution in the Lâ€aromatic amino acid decarboxylase enzyme worsens somatic symptoms via a serotonergic pathway. Annals of Neurology, 2019, 86, 168-180.	5.3	9
25	Non-invasive Motor Cortex Neuromodulation Reduces Secondary Hyperalgesia and Enhances Activation of the Descending Pain Modulatory Network. Frontiers in Neuroscience, 2019, 13, 467.	2.8	54
26	Racial/ethnic differences in experimental pain sensitivity and associated factors â€“ Cardiovascular responsiveness and psychological status. PLoS ONE, 2019, 14, e0215534.	2.5	30
27	Anatomical selectivity in overlap of chronic facial and bodily pain. Pain Reports, 2019, 4, e729.	2.7	12
28	Incident injury is strongly associated with subsequent incident temporomandibular disorder: results from the OPPERA study. Pain, 2019, 160, 1551-1561.	4.2	32
29	Genome-wide association reveals contribution of MRAS to painful temporomandibular disorder in males. Pain, 2019, 160, 579-591.	4.2	37
30	Characteristics Associated With High-Impact Pain in People With Temporomandibular Disorder: A Cross-Sectional Study. Journal of Pain, 2019, 20, 288-300.	1.4	19
31	Quantitative Sensory Testing and Current Perception Threshold Testing in Patients With Chronic Pain Following Lower Extremity Fracture. Biological Research for Nursing, 2018, 20, 16-24.	1.9	9
32	Long-term changes in biopsychosocial characteristics related to temporomandibular disorder: findings from the OPPERA study. Pain, 2018, 159, 2403-2413.	4.2	70
33	Temporal change in headache and its contribution to the risk of developing first-onset temporomandibular disorder in the Orofacial Pain: Prospective Evaluation and Risk Assessment (OPPERA) study. Pain, 2017, 158, 120-129.	4.2	51
34	Causal Mediation in the Development of Painful Temporomandibular Disorder. Journal of Pain, 2017, 18, 428-436.	1.4	25
35	Pain reduction due to novel sensory-motor training in Complex Regional Pain Syndrome I â€“ A pilot study. Scandinavian Journal of Pain, 2017, 15, 30-37.	1.3	17
36	Acute Pain Characteristics in Patients with and without Chronic Pain following Lower Extremity Injury. Pain Management Nursing, 2017, 18, 33-41.	0.9	19

#	Article	IF	Citations
37	Racial and ethnic differences in experimental pain sensitivity: systematic review and meta-analysis. Pain, 2017, 158, 194-211.	4.2	168
38	Demographic Predictors of Pain Sensitivity: Results From the OPPERA Study. Journal of Pain, 2017, 18, 295-307.	1.4	80
39	Effect of Human Genetic Variability on Gene Expression in Dorsal Root Ganglia and Association with Pain Phenotypes. Cell Reports, 2017, 19, 1940-1952.	6.4	83
40	Epiregulin and EGFR interactions are involved in pain processing. Journal of Clinical Investigation, 2017, 127, 3353-3366.	8.2	85
41	Acute Low Back Pain. Clinical Journal of Pain, 2016, 32, 933-939.	1.9	64
42	Modification of COMT-dependent pain sensitivity by psychological stress and sex. Pain, 2016, 157, 858-867.	4.2	49
43	Neuronal responses to tactile stimuli and tactile sensations evoked by microstimulation in the human thalamic principal somatic sensory nucleus (ventral caudal). Journal of Neurophysiology, 2016, 115, 2421-2433.	1.8	13
44	Comparison of Low Back Pain Recovery and Persistence. Biological Research for Nursing, 2016, 18, 401-410.	1.9	25
45	Identification of clusters of individuals relevant to temporomandibular disorders and other chronic pain conditions. Pain, 2016, 157, 1266-1278.	4.2	104
46	Painful Temporomandibular Disorder. Journal of Dental Research, 2016, 95, 1084-1092.	5.2	413
47	Subjective Sleep Quality Deteriorates Before Development ofÂPainful Temporomandibular Disorder. Journal of Pain, 2016, 17, 669-677.	1.4	57
48	Methods to measure peripheral and central sensitization using quantitative sensory testing: A focus on individuals with low back pain. Applied Nursing Research, 2016, 29, 237-241.	2.2	73
49	Characteristics of Patients with Lower Extremity Trauma with Improved and Not Improved Pain During Hospitalization: A Pilot Study. Pain Management Nursing, 2016, 17, 3-13.	0.9	4
50	COMT gene locus. Pain, 2015, 156, 2072-2083.	4.2	28
51	COMT Diplotype Amplifies Effect of Stress on Risk of Temporomandibular Pain. Journal of Dental Research, 2015, 94, 1187-1195.	5.2	34
52	(182) Selective Serotonin Reuptake Inhibitors (SSRIs) and experimental pain in healthy pain free participants: the OPPERA Study. Journal of Pain, 2014, 15, S21.	1.4	0
53	Motor Cortex Stimulation Suppresses Cortical Responses to Noxious Hindpaw Stimulation After Spinal Cord Lesion in Rats. Brain Stimulation, 2014, 7, 182-189.	1.6	29
54	Pressure pain thresholds fluctuate with, but do not usefully predict, the clinical course of painful temporomandibular disorder. Pain, 2014, 155, 2134-2143.	4.2	63

#	Article	IF	Citations
55	Intersession reliability of fMRI activation for heat pain and motor tasks. NeuroImage: Clinical, 2014, 5, 309-321.	2.7	31
56	Pain Sensitivity and Autonomic Factors Associated With Development of TMD: The OPPERA Prospective Cohort Study. Journal of Pain, 2013, 14, T63-T74.e6.	1.4	91
57	Facial pain with localized and widespread manifestations: Separate pathways of vulnerability. Pain, 2013, 154, 2335-2343.	4.2	31
58	Signs and Symptoms of First-Onset TMD and Sociodemographic Predictors of Its Development: The OPPERA Prospective Cohort Study. Journal of Pain, 2013, 14, T20-T32.e3.	1.4	176
59	Sleep Apnea Symptoms and Risk of Temporomandibular Disorder. Journal of Dental Research, 2013, 92, S70-S77.	5.2	112
60	Multivariable Modeling of Phenotypic Risk Factors for First-Onset TMD: The OPPERA Prospective Cohort Study. Journal of Pain, 2013, 14, T102-T115.	1.4	79
61	General Health Status and Incidence of First-Onset Temporomandibular Disorder: The OPPERA Prospective Cohort Study. Journal of Pain, 2013, 14, T51-T62.	1.4	91
62	Clinical Orofacial Characteristics Associated With Risk of First-Onset TMD: The OPPERA Prospective Cohort Study. Journal of Pain, 2013, 14, T33-T50.	1.4	142
63	Psychological Factors Associated With Development of TMD: The OPPERA Prospective Cohort Study. Journal of Pain, 2013, 14, T75-T90.	1.4	321
64	Study Protocol, Sample Characteristics, and Loss to Follow-Up: The OPPERA Prospective Cohort Study. Journal of Pain, 2013, 14, T2-T19.	1.4	59
65	Genetic Variants Associated With Development of TMD and Its Intermediate Phenotypes: The Genetic Architecture of TMD in the OPPERA Prospective Cohort Study. Journal of Pain, 2013, 14, T91-T101.e3.	1.4	76
66	The role of circulating sex hormones in menstrual cycleâ€“dependent modulation of pain-related brain activation. Pain, 2013, 154, 548-559.	4.2	40
67	Preclinical episodes of orofacial pain symptoms and their association with health care behaviors in the OPPERA prospective cohort study. Pain, 2013, 154, 750-760.	4.2	37
68	Summary of Findings From the OPPERA Prospective Cohort Study of Incidence of First-Onset Temporomandibular Disorder: Implications and Future Directions. Journal of Pain, 2013, 14, T116-T124.	1.4	189
69	Chronic Temporomandibular Disorders Are Not Necessarily Associated with a Compromised Endogenous Analgesic System. Journal of Orofacial Pain, 2013, 27, 142-150.	1.7	24
70	Threshold Determination Protocols. , 2013, , 3965-3970.		4
71	Pain in Humans, Thresholds. , 2013, , 2658-2660.		0
72	Secondary Somatosensory Cortex (S2) and Insula, Effect on Pain-Related Behavior in Animals and Humans. , 2013, , 3449-3452.		0

#	Article	IF	Citations
73	Methods for the Assessment of Heat Perception in Humans. Methods in Pharmacology and Toxicology, 2012, , 419-436.	0.2	0
74	â€˜Pseudo-neglectâ€™ in CRPS is closer to â€˜anti-neglectâ€™ than to classical hemi-neglect?. Pain, 2012, 153, 2157-2158.	4.2	8
75	Study Methods, Recruitment, Sociodemographic Findings, and Demographic Representativeness in the OPPERA Study. Journal of Pain, 2011, 12, T12-T26.	1.4	130
76	Orofacial Pain Prospective Evaluation and Risk Assessment Study â€“ The OPPERA Study. Journal of Pain, 2011, 12, T4-T11.e2.	1.4	275
77	Potential Genetic Risk Factors for Chronic TMD: Genetic Associations from the OPPERA Case Control Study. Journal of Pain, 2011, 12, T92-T101.	1.4	157
78	Pain Sensitivity Risk Factors for Chronic TMD: Descriptive Data and Empirically Identified Domains from the OPPERA Case Control Study. Journal of Pain, 2011, 12, T61-T74.	1.4	173
79	Potential Psychosocial Risk Factors for Chronic TMD: Descriptive Data and Empirically Identified Domains from the OPPERA Case-Control Study. Journal of Pain, 2011, 12, T46-T60.	1.4	242
80	Summary of Findings from the OPPERA Baseline Case-Control Study: Implications and Future Directions. Journal of Pain, 2011, 12, T102-T107.	1.4	64
81	Clinical Findings and Pain Symptoms as Potential Risk Factors for Chronic TMD: Descriptive Data and Empirically Identified Domains from the OPPERA Case-Control Study. Journal of Pain, 2011, 12, T27-T45.	1.4	262
82	Potential Autonomic Risk Factors for Chronic TMD: Descriptive Data and Empirically Identified Domains from the OPPERA Case-Control Study. Journal of Pain, 2011, 12, T75-T91.	1.4	96
83	Guidelines and recommendations for assessment of somatosensory function in oro-facial pain conditions - a taskforce report. Journal of Oral Rehabilitation, 2011, 38, 366-394.	3.0	147
84	Spatial attention to thermal pain stimuli in subjects with visual spatial hemi-neglect: Extinction, mislocalization and misidentification of stimulus modality. Pain, 2011, 152, 498-506.	4.2	22
85	Non-invasive electrical stimulation of the brain (ESB) modifies the resting-state network connectivity of the primary motor cortex: A proof of concept fMRI study. Brain Research, 2011, 1403, 37-44.	2.2	35
86	Altered pain and thermal sensation in subjects with isolated parietal and insular cortical lesions. European Journal of Pain, 2010, 14, 535.e1-11.	2.8	38
87	Differential brain activation associated with laser-evoked burning and pricking pain: An event-related fMRI study. Pain, 2009, 141, 104-113.	4.2	43
88	Pain Psychophysics. , 2009, , 3077-3080.		0
89	Quantitative somatic sensory testing and functional imaging of the response to painful stimuli before and after cingulotomy for obsessiveâ€compulsive disorder (OCD). European Journal of Pain, 2008, 12, 990-999.	2.8	22
90	Across- and within-session variability of ratings of painful contact heat stimuli. Pain, 2008, 137, 245-256.	4.2	54

#	Article	IF	Citations
91	Identifying biological markers of activity in human nociceptive pathways to facilitate analgesic drug development. Pain, 2008, 140, 249-253.	4.2	24
92	Cold Stimuli Evoke Potentials That Can Be Recorded Directly From Parasylvian Cortex in Humans. Journal of Neurophysiology, 2008, 100, 2282-2286.	1.8	16
93	Sleep and Quality of Life in Chronic Pain. , 2008, , 187-197.		5
94	Lesions Limited to the Human Thalamic Principal Somatosensory Nucleus (Ventral Caudal) Are Associated with Loss of Cold Sensations and Central Pain. Journal of Neuroscience, 2007, 27, 4995-5004.	3.6	107
95	Sex differences in endogenous pain modulation by distracting and painful conditioning stimulation. Pain, 2007, 132, S134-S149.	4.2	67
96	Studying sex and gender differences in pain and analgesia: A consensus report. Pain, 2007, 132, S26-S45.	4.2	797
97	Age-Related Changes in Nociceptive Processing in the Human Brain. Annals of the New York Academy of Sciences, 2007, 1097, 175-178.	3.8	28
98	Imaging central pain syndromes. Current Pain and Headache Reports, 2007, 11, 183-189.	2.9	11
99	Threshold Determination Protocols. , 2007, , 2479-2482.		1
100	Temporal summation of pain characterizes women but not men with temporomandibular disorders. Journal of Orofacial Pain, 2007, 21, 309-17.	1.7	33
101	Secondary Somatosensory Cortex (S2) and Insula, Effect on Pain Related Behavior in Animals and Humans. , 2007, , 2148-2149.		0
102	Pain in Humans, Thresholds. , 2007, , 1694-1695.		0
103	Sex differences in the cerebral BOLD signal response to painful heat stimuli. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R257-R267.	1.8	62
104	Reliability estimation of grouped functional imaging data using penalized maximum likelihood. Magnetic Resonance in Medicine, 2005, 53, 1126-1134.	3.0	10
105	Regional Intensive and Temporal Patterns of Functional MRI Activation Distinguishing Noxious and Innocuous Contact Heat. Journal of Neurophysiology, 2005, 93, 2183-2193.	1.8	116
106	Studies of the human ascending pain pathways. Thalamus & Related Systems, 2005, 3, 71.	0.5	6
107	Why Look in the Brain for Answers to Temporomandibular Disorder Pain?. Cells Tissues Organs, 2005, 180, 69-75.	2.3	127
108	Chapter 6 The role of the thalamus in pain. Supplements To Clinical Neurophysiology, 2004, 57, 50-61.	2.1	38

#	Article	IF	Citations
109	Sex differences in temporal summation of pain and aftersensations following repetitive noxious mechanical stimulation. Pain, 2004, 109, 115-123.	4.2	105
110	Allodynia in patients with post-stroke central pain (CPSP) studied by statistical quantitative sensory testing within individuals. Pain, 2004, 109, 357-366.	4.2	119
111	Onderzoek naar sekse- en genderspecifieke verschillen bij pijn en analgesie: een consensusverslag 1. , 2004, , 1287-1301.		0
112	Evidence for up-regulated central nociceptive processing in patients with masticatory myofascial pain. Journal of Orofacial Pain, 2004, 18, 41-55.	1.7	78
113	Neurons involved in the exteroceptive function of pain. Pain, 2003, 106, 215-219.	4.2	85
114	Evidence for generalized hyperalgesia in temporomandibular disorders patients. Pain, 2003, 102, 221-226.	4.2	124
115	Gender and laterality differences in thermosensation throughout the perceptible range. Pain, 2003, 106, 9-18.	4.2	107
116	Thermosensory intensity and affect throughout the perceptible range. Somatosensory & Motor Research, 2003, 20, 19-26.	0.9	62
117	Gender differences in temporal summation of mechanically evoked pain. Pain, 2002, 97, 163-169.	4.2	140
118	Quantitative assessment of neuropathic pain. Current Pain and Headache Reports, 2001, 5, 107-113.	2.9	48
119	Cortical representation of pain: functional characterization of nociceptive areas near the lateral sulcus. Pain, 2000, 87, 113-119.	4.2	262
120	Peripheral Coding of Tonic Mechanical Cutaneous Pain: Comparison of Nociceptor Activity in Rat and Human Psychophysics. Journal of Neurophysiology, 1999, 82, 2641-2648.	1.8	79
121	Mechanical and Heat Sensitization of Cutaneous Nociceptors After Peripheral Inflammation in The Rat. Journal of Neurophysiology, 1999, 82, 2649-2656.	1.8	182
122	Modality-specific hyper-responsivity of regenerated cat cutaneous nociceptors. Journal of Physiology, 1999, 516, 897-906.	2.9	12
123	Pain sensitivity alterations as a function of lesion location in the parasylvian cortex. Pain, 1999, 81, 273-282.	4.2	253
124	Spatial summation of perceived pressure, sharpness and mechanically evoked cutaneous pain. Somatosensory & Motor Research, 1997, 14, 107-112.	0.9	52
125	A longitudinal study of somesthetic perceptual disorders in an individual with a unilateral thalamic lesion. Pain, 1997, 72, 13-25.	4.2	15
126	Nociceptors and the peripheral nervous system's role in pain. Journal of Hand Therapy, 1997, 10, 78-85.	1.5	16

#	Article	IF	Citations
127	Somatotopic Localization of Thermal Stimuli: I. A Comparison of Within-versus Across-Dermatomal Separation of Innocuous Thermal Stimuli. Somatosensory & Motor Research, 1996, 13, 67-71.	0.9	18
128	The Psychophysics of Tactile Perception and its Peripheral Physiological Basis. , 1996, , 25-103.		63
129	Thresholds for the Perception of Pressure, Sharpness, and Mechanically Evoked Cutaneous Pain: Effects of Laterality and Repeated Testing. Somatosensory & Motor Research, 1994, 11, 311-317.	0.9	64
130	Cutaneous Mechanoreceptors of the Hand: Experimental Studies and Their Implications for Clinical Testing of Tactile Sensation. Journal of Hand Therapy, 1993, 6, 75-82.	1.5	30
131	Body Site Variation of Heat Pain Sensitivity. Somatosensory & Motor Research, 1993, 10, 455-465.	0.9	70
132	Body Site Variation of Cool Perception Thresholds, with Observations on Paradoxical Heat. Somatosensory & Motor Research, 1993, 10, 467-474.	0.9	44
133	Reversible pain and tactile deficits associated with a cerebral tumor compressing the posterior insula and parietal operculum. Pain, 1992, 50, 29-39.	4.2	147
134	Stimulus Features Relevant to the Perception of Sharpness and Mechanically Evoked Cutaneous Pain. Somatosensory & Motor Research, 1991, 8, 137-147.	0.9	156
135	Anatomic evidence of nociceptive inputs to primary somatosensory cortex: Relationship between spinothalamic terminals and thalamocortical cells in squirrel monkeys. Journal of Comparative Neurology, 1991, 308, 467-490.	1.6	139
136	Thresholds for the perception of sharpness and mechanical pain. Pain, 1990, 41, S313.	4.2	4
137	The Spinal Pathways Contributing to the Ascending Conduction and the Descending Modulation of Pain Sensations and Reactions. , 1986, , 275-329.		33
138	Morphological features of lamina V neurons receiving nociceptive input in cat sacrocaudal spinal cord. Journal of Comparative Neurology, 1985, 238, 440-452.	1.6	62
139	The Primate as a Model for the Human Temperature-Sensing System: 1. Adapting Temperature and Intensity of Thermal Stimuli. Somatosensory & Motor Research, 1985, 2, 303-314.	2.2	14
140	The Primate as a Model for the Human Temperature-Sensing System: 2. Area of Skin Receiving Thermal Stimulation (Spatial Summation). Somatosensory & Motor Research, 1985, 2, 315-324.	2.2	38
141	A Comparison of Force and Depth of Skin Indentation upon Psychophysical Functions of Tactile Intensity. Somatosensory & Motor Research, 1984, 2, 33-48.	2.2	21
142	The Influence of Rate of Skin Indentation on Threshold and Suprathreshold Tactile Sensations. Somatosensory & Motor Research, 1984, 1, 379-393.	2.2	20
143	Velocity of Indentation as a Variable in Tactile Sensation. , 1984, , 227-235.		0