Ruth Defrin

List of Publications by Year
in descending order

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106	3,827	126708	138251
papers	citations	33 h-index	58 g-index

108	108	108	3757
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	International Spinal Cord Injury Pain Classification: part I. Background and description. Spinal Cord, 2012, 50, 413-417.	0.9	264
2	Characterization of chronic pain and somatosensory function in spinal cord injury subjects. Pain, 2001, 89, 253-263.	2.0	154
3	Enhanced pain modulation among triathletes: A possible explanation for their exceptional capabilities. Pain, 2013, 154, 2317-2323.	2.0	148
4	Quantitative testing of pain perception in subjects with PTSD â€“ Implications for the mechanism of the coexistence between PTSD and chronic pain. Pain, 2008, 138, 450-459.	2.0	146
5	The nature and course of sensory changes following spinal cord injury: predictive properties and implications on the mechanism of central pain. Brain, 2012, 135, 418-430.	3.7	135
6	The Effect of a Series of Repetitive Transcranial Magnetic Stimulations of the Motor Cortex on Central Pain After Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2007, 88, 1574-1580.	0.5	124
7	The characteristics of chronic central pain after traumatic brain injury. Pain, 2007, 131, 330-340.	2.0	122
8	Sensory determinants of thermal pain. Brain, 2002, 125, 501-510.	3.7	105
9	Chronic post-traumatic headache: clinical findings and possible mechanisms. Journal of Manual and Manipulative Therapy, 2014, 22, 36-43.	0.7	96
10	Individual sensitivity to pain expectancy is related to differential activation of the hippocampus and amygdala. Human Brain Mapping, 2010, 31, 326-338.	1.9	91
11	Experimental pain processing in individuals with cognitive impairment. Pain, 2015, 156, 1396-1408.	2.0	85
12	Conservative Correction of Leg-Length Discrepancies of 10mm or Less for the Relief of Chronic Low Back Pain. Archives of Physical Medicine and Rehabilitation, 2005, 86, 2075-2080.	0.5	84
13	A quantitative somatosensory testing of pain threshold in individuals with mental retardation. Pain, 2004, 108, 58-66.	2.0	82
14	Deficient Pain Modulatory Systems in Patients with Mild Traumatic Brain and Chronic Post-Traumatic Headache: Implications for its Mechanism. Journal of Neurotrauma, 2015, 32, 28-37.	1.7	81
15	Segmental noxious versus innocuous electrical stimulation for chronic pain relief and the effect of fading sensation during treatment. Pain, 2005, 115, 152-160.	2.0	76
16	Gender role expectations of pain is associated with pain tolerance limit but not with pain threshold. Pain, 2009, 145, 230-236.	2.0	71
17	The evaluation of acute pain in individuals with cognitive impairment: A differential effect of the level of impairment. Pain, 2006, 124, 312-320.	2.0	70
18	Quantitative Somatosensory Testing of Warm and Heat-Pain Thresholds: The Effect of Body Region and Testing Method. Clinical Journal of Pain, 2006, 22, 130-136.	0.8	69

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19	International Spinal Cord Injury Pain (ISCIP) Classification: Part 2. Initial validation using vignettes. Spinal Cord, 2012, 50, 404-412.	0.9	69
20	Body awareness: differentiating between sensitivity to and monitoring of bodily signals. Journal of Behavioral Medicine, 2014, 37, 564-575.	1.1	67
21	Acute psychosocial stress reduces pain modulation capabilities in healthy men. Pain, 2014, 155, 2418-2425.	2.0	67
22	Differential pain modulation properties in central neuropathic pain after spinal cord injury. Pain, 2016, 157, 1415-1424.	2.0	66
23	Spatial summation of heat pain: a reassessment. Pain, 1996, 66, 23-29.	2.0	65
24	Paradoxical Pain Perception in Posttraumatic Stress Disorder: TheÂUnique Role of Anxiety and Dissociation. Journal of Pain, 2015, 16, 961-970.	0.7	59
25	Quantitative somatosensory testing of subjects with chronic postâ€traumatic headache: Implications on its mechanisms. European Journal of Pain, 2010, 14, 924-931.	1.4	57
26	Spatial summation of pressure pain: effect of body region. Pain, 2003, 106, 471-480.	2.0	53
27	A Modified Version of the Non-Communicating Children Pain Checklist-Revised, Adapted to Adults With Intellectual and Developmental Disabilities: Sensitivity to Pain and Internal Consistency. Journal of Pain, 2009, 10, 398-407.	0.7	50
28	The spatial characteristics of the painful thermal grill illusion â˜†. Pain, 2008, 138, 577-586.	2.0	47
29	The Pain Assessment in Impaired Cognition scale (PAIC15): A multidisciplinary and international approach to develop and test a metaâ€tool for pain assessment in impaired cognition, especially dementia. European Journal of Pain, 2020, 24, 192-208.	1.4	47
30	Challenges in pain assessment and management among individuals with intellectual and developmental disabilities. Pain Reports, 2020, 5, e821.	1.4	45
31	Responses of dural mast cells in concussive and blast models of mild traumatic brain injury in mice: Potential implications for post-traumatic headache. Cephalalgia, 2016, 36, 915-923.	1.8	39
32	Hemiplegic shoulder pain: Evidence of a neuropathic origin. Pain, 2013, 154, 263-271.	2.0	38
33	The type of sport matters: Pain perception of endurance athletes versus strength athletes. European Journal of Pain, 2019, 23, 686-696.	1.4	38
34	Spatial summation and spatial discrimination of pain sensation. Pain, 2006, 126, 123-131.	2.0	37
35	Pain in Neurodegenerative Disease: Current Knowledge and Future Perspectives. Behavioural Neurology, 2016, 2016, 1-14.	1.1	35
36	The interactions between spatial summation and DNIC: Effect of the distance between two painful stimuli and attentional factors on pain perception. Pain, 2010, 151, 489-495.	2.0	34

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37	Temporal and spatial aspects of experimental tonic pain: Understanding pain adaptation and intensification. European Journal of Pain, 2015, 19, 408-418.	1.4	32
38	Acute pain threshold in subjects with chronic pain following spinal cord injury. Pain, 1999, 83, 275-282.	2.0	31
39	Mild closed head injury promotes a selective trigeminal hypernociception: Implications for the acute emergence of postâ€traumatic headache. European Journal of Pain, 2015, 19, 621-628.	1.4	31
40	High resolution topographical mapping of warm and cold sensitivities. Clinical Neurophysiology, 2008, 119, 2641-2646.	0.7	30
41	The traumatized body: Long-term PTSD and its implications for the orientation towards bodily signals. Psychiatry Research, 2018, 261, 281-289.	1.7	30
42	Tactile allodynia in patients with lumbar radicular pain (sciatica). Pain, 2014, 155, 2551-2559.	2.0	29
43	Pain perception in people with Down syndrome: a synthesis of clinical and experimental research. Frontiers in Behavioral Neuroscience, 2015, 9, 194.	1.0	29
44	The Differential Effect of Methadone Dose and of Chronic Pain on Pain Perception of Former Heroin Addicts Receiving Methadone Maintenance Treatment. Journal of Pain, 2011, 12, 41-50.	0.7	28
45	Interactions Among Sex, Ethnicity, Religion, and Gender Role Expectations of Pain. Gender Medicine, 2011, 8, 172-183.	1.4	28
46	Body awareness and pain habituation: the role of orientation towards somatic signals. Journal of Behavioral Medicine, 2015, 38, 876-885.	1.1	28
47	Opposite Effects of Stress on Pain Modulation Depend on the Magnitude of Individual Stress Response. Journal of Pain, 2018, 19, 360-371.	0.7	28
48	The importance of stimulus parameters for the experience of the thermal grill illusion. Neurophysiologie Clinique, 2009, 39, 275-282.	1.0	27
49	Biomarkers for predicting central neuropathic pain occurrence and severity after spinal cord injury: results of a long-term longitudinal study. Pain, 2020, 161, 545-556.	2.0	26
50	Spatial summation of thermal sensations depends on skin type and skin sensitivity. Experimental Brain Research, 2009, 198, 29-36.	0.7	25
51	The longâ€term impact of tissue injury on pain processing and modulation: A study on exâ€prisoners of war who underwent torture. European Journal of Pain, 2014, 18, 548-558.	1.4	25
52	Interactions between spatial summation, 2â€point discrimination and habituation of heat pain. European Journal of Pain, 2008, 12, 900-909.	1.4	23
53	Chronic pain in pachyonychia congenita: evidence for neuropathic origin. British Journal of Dermatology, 2018, 179, 154-162.	1.4	23
54	Posttraumatic Stress Disorder, Orientation to Pain, and Pain Perception in Ex-Prisoners of War Who Underwent Torture. Psychosomatic Medicine, 2017, 79, 655-663.	1.3	22

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55	Spatial summation and spatial discrimination of cold pain: Effect of spatial configuration and skin type. Pain, 2011, 152, 2739-2745.	2.0	21
56	Dysfunctional Pain Modulation in Torture Survivors: The Mediating Effect of PTSD. Journal of Pain, 2017, 18, 1-10.	0.7	21
57	Increased psychological distress among individuals with spinal cord injury is associated with central neuropathic pain rather than the injury characteristics. Spinal Cord, 2018, 56, 176-184.	0.9	19
58	Torturing personification of chronic pain among torture survivors. Journal of Psychosomatic Research, 2017, 99, 155-161.	1.2	18
59	Experimental evidence for weaker endogenous inhibition of trigeminal pain than extra-trigeminal pain in healthy individuals. Cephalalgia, 2018, 38, 1307-1315.	1.8	18
60	Different clinical phenotypes of persistent post-traumatic headache exhibit distinct sensory profiles. Cephalalgia, 2020, 40, 675-688.	1.8	18
61	Strain differences in autotomy levels in mice: relation to spinal excitability. Brain Research, 1996, 711, 241-244.	1.1	17
62	Predicting the Risk for Central Pain Using the Sensory Components of the International Standards for Neurological Classification of Spinal Cord Injury. Journal of Neurotrauma, 2015, 32, 1684-1692.	1.7	17
63	Indications for Peripheral and Central Sensitization in Patients With Chronic Scalp Pain (Trichodynia). Clinical Journal of Pain, 2013, 29, 417-424.	0.8	16
64	Body movements as pain indicators in older people with cognitive impairment: A systematic review. European Journal of Pain, 2019, 23, 669-685.	1.4	16
65	Differential effect of supraspinal modulation on the nociceptive withdrawal reflex and pain sensation. Clinical Neurophysiology, 2007, 118, 427-437.	0.7	15
66	Increased Evoked Potentials and Behavioral Indices in Response to Pain Among Individuals with Intellectual Disability. Pain Medicine, 2017, 18, 1715-1730.	0.9	14
67	Unique features of central neuropathic pain in multiple sclerosis: Results of a cluster analysis. European Journal of Pain, 2022, 26, 1107-1122.	1.4	13
68	Attitudes and emotions towards pain and sensitivity to painful stimuli among people routinely engaging in masochistic behaviour. European Journal of Pain, 2015, 19, 1321-1330.	1.4	12
69	Physiological and Behavioral Responses to Calibrated Noxious Stimuli Among Individuals with Cerebral Palsy and Intellectual Disability. Pain Medicine, 2017, 18, pnw155.	0.9	12
70	Central Neuropathic Pain in Multiple Sclerosis Is Associated with Impaired Innocuous Thermal Pathways and Neuronal Hyperexcitability. Pain Medicine, 2021, 22, 2311-2323.	0.9	11
71	Enhanced pain modulation capacity among individuals with borderline personality disorder: A possible mechanism underlying their hypoalgesia. European Journal of Pain, 2020, 24, 544-554.	1.4	10
72	Spatial resolution of the pain system: a proximal-to-distal gradient of sensitivity revealed with psychophysical testing. Experimental Brain Research, 2012, 216, 181-190.	0.7	9

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73	â€œShooting painâ€•in lumbar radiculopathy and trigeminal neuralgia, and ideas concerning its neural substrates. Pain, 2020, 161, 308-318.	2.0	9
74	Specific Behavioral Responses Rather Than Autonomic Responses Can Indicate and Quantify Acute Pain among Individuals with Intellectual and Developmental Disabilities. Brain Sciences, 2021, 11, 253.	1.1	8
75	Shortâ€•and longâ€term effects of conventional spinal cord stimulation on chronic pain and health perceptions: A longitudinal controlled trial. European Journal of Pain, 2022, 26, 1849-1862.	1.4	8
76	Pain following spinal cord injury. Spinal Cord, 2002, 40, 96-97.	0.9	7
77	Characteristics of the nociceptive withdrawal response elicited under aware and unaware conditions. Journal of Electromyography and Kinesiology, 2009, 19, e114-e122.	0.7	7
78	Investigating the neural processing of spatial summation of pain: the role of A-delta nociceptors. Experimental Brain Research, 2015, 233, 405-413.	0.7	7
79	Electrophysiological and psychophysical correlates of spatial summation to noxious heat: the possible role of A-delta fibers. Experimental Brain Research, 2017, 235, 639-646.	0.7	7
80	Deficient Pain Modulation in Patients with Chronic Hemiplegic Shoulder Pain. Pain Practice, 2018, 18, 716-728.	0.9	7
81	Dysfunctional pain perception and modulation among torture survivors: The role of pain personification. Journal of Affective Disorders, 2020, 265, 10-17.	2.0	7
82	Quantitative sensory testing of temperature, pain, and touch in adults with Down syndrome. Research in Developmental Disabilities, 2015, 47, 306-317.	1.2	6
83	Chronic Pain and Premature Aging â€“ The Moderating Role of Physical Exercise. Journal of Pain, 2021, 22, 209-218.	0.7	6
84	Distinguishing Feigned From Sincere Performance in Psychophysical Pain Testing. Journal of Pain, 2015, 16, 1044-1053.	0.7	5
85	Pain Assessment in Neurodegenerative Diseases. Behavioural Neurology, 2016, 2016, 1-2.	1.1	5
86	Pain Perception and Body Awareness Among Individuals With Borderline Personality Disorder. Journal of Personality Disorders, 2018, 32, 618-635.	0.8	5
87	Does hemiplegic shoulder pain share clinical and sensory characteristics with central neuropathic pain? A comparative study. European Journal of Physical and Rehabilitation Medicine, 2016, 52, 662-671.	1.1	5
88	Attachment security and pain â€” The disrupting effect of captivity and PTSS. Journal of Psychosomatic Research, 2015, 79, 471-476.	1.2	4
89	Punishing the Self: Post-Traumatic Guilt Mediates the Link Between Trauma and Deficient Pain Modulation. Journal of Pain, 2020, 21, 364-374.	0.7	4
90	From acute to long-term alterations in pain processing and modulation after spinal cord injury. Pain, 2021, Publish Ahead of Print, .	2.0	4

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91	Pain Behavior of People with Intellectual and Developmental Disabilities Coded with the New PAIC-15 and Validation of Its Arabic Translation. Brain Sciences, 2021, 11, 1254.	1.1	4
92	Pain perception and modulation in ex-POWs who underwent torture: The role of subjective and objective suffering.. Psychological Trauma: Theory, Research, Practice, and Policy, 2019, 11, 820-827.	1.4	4
93	Observing Pain in Individuals with Cognitive Impairment: A Pilot Comparison Attempt across Countries and across Different Types of Cognitive Impairment. Brain Sciences, 2021, 11, 1455.	1.1	4
94	Evidence of a neuropathic origin in hemiplegic shoulder pain. Pain, 2013, 154, 959-960.	2.0	3
95	F246 REDUCED PAIN MODULATION IN PATIENTS WITH CHRONIC POST TRAUMATIC HEADACHE. European Journal of Pain Supplements, 2011, 5, 138-138.	0.0	2
96	Compression at myofascial trigger points for the management of acute low back pain. European Journal of Pain, 2015, 19, 1057-1058.	1.4	2
97	The effect of mindful attention training for pain modulation capacity: Exploring the mindfulnessâ€“pain link. Journal of Clinical Psychology, 2021, 77, 896-909.	1.0	2
98	Some like it hot: Preference for temperature and pungency consumption is associated with sensitivity to noxious heat. European Journal of Pain, 2021, 25, 473-484.	1.4	2
99	Coronary Artery Disease and Risk Factors in People With Posttraumatic Vision Loss. Archives of Physical Medicine and Rehabilitation, 2005, 86, 968-973.	0.5	1
100	Quantitative somatosensory testing of subjects with Chronic Post Traumatic Headacheâ€”Response to the letter by Chua et al.. European Journal of Pain, 2011, 15, 542-543.	1.4	1
101	Behavioral indices of pain and pain threshold measurement in individuals with mental retardation. Pain, 2004, 110, 767-769.	2.0	0
102	50 SENSIVITY OF INDIVIDUALS WITH COGNITIVE IMPAIRMENT (CI) TO ACUTE PAIN AND THE EFFECT OF CI LEVEL ON THEIR BEHAVIORAL INDICES. European Journal of Pain, 2006, 10, S14a-S14.	1.4	0
103	49 Topical Seminar Summary: PAIN MEASUREMENT AND CONTROL IN COGNITIVELY IMPAIRED AND NON-COMMUNICATIVE INDIVIDUALS. European Journal of Pain, 2006, 10, S14-S14.	1.4	0
104	T406 THE LONG TERM EFFECT OF CAPTIVITY TORTURE ON PAIN PERCEPTION. European Journal of Pain Supplements, 2011, 5, 66.	0.0	0
105	F260 HEMIPLEGIC SHOULDER PAIN: SOME INDICATION FOR NEUROPATHIC MECHANISM. European Journal of Pain Supplements, 2011, 5, 142-142.	0.0	0
106	Shorter telomeres among individuals with physical disability: The moderating role of perceived stress. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2021, , .	2.4	0