Jon D Levine

List of Publications by Citations

199 papers	15,864 citations	47 h-index	124 g-index
206 ext. papers	17,627 ext. citations	5.2 avg, IF	6.44 L-index

#	Paper	IF	Citations
199	The capsaicin receptor: a heat-activated ion channel in the pain pathway. *Nature*, **1997**, 389, 816-24	50.4	6751
198	Kappa-opioids produce significantly greater analgesia in women than in men. *Nature Medicine*, **1996**, 2, 1248-50	50.5	415
197	A novel nociceptor signaling pathway revealed in protein kinase C epsilon mutant mice. *Neuron*, **1999**, 24, 253-60	13.9	396
196	Hypotonicity induces TRPV4-mediated nociception in rat. *Neuron*, **2003**, 39, 497-511	13.9	370
195	Modulation of TTX-R INa by PKC and PKA and their role in PGE2-induced sensitization of rat sensory neurons in vitro. *Journal of Neuroscience*, **1998**, 18, 10345-55	6.6	352
194	Signaling pathways in sensitization: toward a nociceptor cell biology. *Neuron*, **2007**, 55, 365-76	13.9	335
193	Critical role of nociceptor plasticity in chronic pain. *Trends in Neurosciences*, **2009**, 32, 611-8	13.3	310
192	Chronic hypersensitivity for inflammatory nociceptor sensitization mediated by the epsilon isozyme of protein kinase C. *Journal of Neuroscience*, **2000**, 20, 4680-5	6.6	274
191	Naloxone dose dependently produces analgesia and hyperalgesia in postoperative pain. *Nature*, **1979**, 278, 740-1	50.4	273
190	Epinephrine produces a beta-adrenergic receptor-mediated mechanical hyperalgesia and in vitro sensitization of rat nociceptors. *Journal of Neurophysiology*, **1999**, 81, 1104-12	3.2	250
189	TRP channels: targets for the relief of pain. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2007**, 1772, 989-1003	6.9	246
188	Influence of the method of drug administration on analgesic response. *Nature*, **1984**, 312, 755-6	50.4	245
187	Role of protein kinase A in the maintenance of inflammatory pain. *Journal of Neuroscience*, **1999**, 19, 2181-6	6.6	208
186	Nociceptor sensitization by extracellular signal-regulated kinases. *Journal of Neuroscience*, **2001**, 21, 6933-9	6.6	170
185	Oxaliplatin acts on IB4-positive nociceptors to induce an oxidative stress-dependent acute painful peripheral neuropathy. *Journal of Pain*, **2008**, 9, 463-72	5.2	161
184	Causalgia and reflex sympathetic dystrophy: does the sympathetic nervous system contribute to the generation of pain?. *Muscle and Nerve*, **1999**, 22, 678-95	3.4	153
183	TRPC1 and TRPC6 channels cooperate with TRPV4 to mediate mechanical hyperalgesia and nociceptor sensitization. *Journal of Neuroscience*, **2009**, 29, 6217-28	6.6	147

182	Damage to the cytoskeleton of large diameter sensory neurons and myelinated axons in vincristine-induced painful peripheral neuropathy in the rat. *Journal of Comparative Neurology*, **2000**, 424, 563-576	3.4	145
181	The contribution of training to sensitivity in the nociceptive paw-withdrawal test. *Brain Research*, **1989**, 487, 148-51	3.7	145
180	Microtubule disorientation and axonal swelling in unmyelinated sensory axons during vincristine-induced painful neuropathy in rat. *Journal of Comparative Neurology*, **1998**, 395, 481-492	3.4	142
179	Stress induces a switch of intracellular signaling in sensory neurons in a model of generalized pain. *Journal of Neuroscience*, **2008**, 28, 5721-30	6.6	136
178	Tumor necrosis factor receptor type-1 in sensory neurons contributes to induction of chronic enhancement of inflammatory hyperalgesia in rat. *European Journal of Neuroscience*, **2003**, 17, 1847-52	3.5	135
177	Multiple receptors involved in peripheral alpha 2, mu, and A1 antinociception, tolerance, and withdrawal. *Journal of Neuroscience*, **1997**, 17, 735-44	6.6	121
176	Analgesic responses to morphine and placebo in individuals with postoperative pain. *Pain*, **1981**, 10, 379-389	8	107
175	Role of the sensory neuron cytoskeleton in second messenger signaling for inflammatory pain. *Neuron*, **2003**, 39, 613-24	13.9	103
174	Primary afferent nociceptor mechanisms mediating NGF-induced mechanical hyperalgesia. *European Journal of Neuroscience*, **2005**, 21, 3387-94	3.5	98
173	Role of a Ca(2+)-dependent slow afterhyperpolarization in prostaglandin E2-induced sensitization of cultured rat sensory neurons. *Neuroscience Letters*, **1996**, 205, 161-4	3.3	97
172	Sound stress-induced long-term enhancement of mechanical hyperalgesia in rats is maintained by sympathoadrenal catecholamines. *Journal of Pain*, **2009**, 10, 1073-7	5.2	93
171	Generation of a pain memory in the primary afferent nociceptor triggered by PKC□activation of CPEB. *Journal of Neuroscience*, **2012**, 32, 2018-26	6.6	91
170	Integrin signaling in inflammatory and neuropathic pain in the rat. *European Journal of Neuroscience* , **2004**, 19, 634-42	3.5	89
169	Sex hormones regulate the contribution of PKCepsilon and PKA signalling in inflammatory pain in the rat. *European Journal of Neuroscience*, **2001**, 13, 2227-33	3.5	89
168	Prostaglandin effects after elimination of indirect hyperalgesic mechanisms in the skin of the rat. *Brain Research*, **1989**, 492, 397-9	3.7	89
167	Repeated sound stress enhances inflammatory pain in the rat. *Pain*, **2005**, 116, 79-86	8	83
166	Proinflammatory cytokines mediating burn-injury pain. *Pain*, **2008**, 135, 98-107	8	76
165	Chemotherapy-Induced Neuropathy in Cancer Survivors. *Journal of Pain and Symptom Management*, **2017**, 54, 204-218.e2	4.8	71

164	GDNF hyperalgesia is mediated by PLCgamma, MAPK/ERK, PI3K, CDK5 and Src family kinase signaling and dependent on the IB4-binding protein versican. *European Journal of Neuroscience*, **2008**, 28, 12-9	3.5	70
163	Identification of patient subgroups and risk factors for persistent arm/shoulder pain following breast cancer surgery. *European Journal of Oncology Nursing*, **2014**, 18, 242-53	2.8	68
162	Desipramine enhances opiate postoperative analgesia. *Pain*, **1986**, 27, 45-49	8	68
161	Shared mechanisms for opioid tolerance and a transition to chronic pain. *Journal of Neuroscience*, **2010**, 30, 4660-6	6.6	67
160	Co-occurrence of anxiety and depressive symptoms following breast cancer surgery and its impact on quality of life. *European Journal of Oncology Nursing*, **2016**, 20, 97-105	2.8	66
159	Hyperalgesic priming in the rat demonstrates marked sexual dimorphism. *Pain*, **2003**, 105, 143-50	8	66
158	Role of nociceptor CaMKII in transition from acute to chronic pain (hyperalgesic priming) in male and female rats. *Journal of Neuroscience*, **2013**, 33, 11002-11	6.6	62
157	Noradrenaline-induced prostaglandin production by sympathetic postganglionic neurons is mediated by alpha 2-adrenergic receptors. *Journal of Neurochemistry*, **1991**, 57, 1145-50	6	62
156	Pain in prelingual children and its evaluation by pain-induced vocalization. *Pain*, **1982**, 14, 85-93	8	61
155	Repeated Mu-Opioid Exposure Induces a Novel Form of the Hyperalgesic Priming Model for Transition to Chronic Pain. *Journal of Neuroscience*, **2015**, 35, 12502-17	6.6	58
154	The fundamental unit of pain is the cell. *Pain*, **2013**, 154 Suppl 1, S2-9	8	57
153	Peripheral administration of translation inhibitors reverses increased hyperalgesia in a model of chronic pain in the rat. *Journal of Pain*, **2013**, 14, 731-8	5.2	56
152	Associations between cytokine gene variations and severe persistent breast pain in women following breast cancer surgery. *Journal of Pain*, **2014**, 15, 169-80	5.2	47
151	PLC-beta 3 signals upstream of PKC epsilon in acute and chronic inflammatory hyperalgesia. *Pain*, **2007**, 132, 67-73	8	46
150	TrkA and PKC-epsilon in thermal burn-induced mechanical hyperalgesia in the rat. *Journal of Pain*, **2006**, 7, 884-91	5.2	44
149	Accounting for the delay in the transition from acute to chronic pain: axonal and nuclear mechanisms. *Journal of Neuroscience*, **2015**, 35, 495-507	6.6	43
148	Neurogenic inflammation and arthritis. *Annals of the New York Academy of Sciences*, **2006**, 1069, 155-67	6.5	41
147	Distinct terminal and cell body mechanisms in the nociceptor mediate hyperalgesic priming. *Journal of Neuroscience*, **2015**, 35, 6107-16	6.6	37

146	Multiple PKCε-dependent mechanisms mediating mechanical hyperalgesia. *Pain*, **2010**, 150, 17-21	8	37
145	Stability of Symptom Clusters in Patients With Breast Cancer Receiving Chemotherapy. *Journal of Pain and Symptom Management*, **2018**, 55, 39-55	4.8	36
144	Predictors and Trajectories of Morning Fatigue Are Distinct From Evening Fatigue. *Journal of Pain and Symptom Management*, **2015**, 50, 176-89	4.8	35
143	Stress and Symptom Burden in Oncology Patients During the COVID-19 Pandemic. *Journal of Pain and Symptom Management*, **2020**, 60, e25-e34	4.8	35
142	Marked Sexual Dimorphism in the Role of the Ryanodine Receptor in a Model of Pain Chronification in the Rat. *Scientific Reports*, **2016**, 6, 31221	4.9	34
141	Comparison of subgroups of breast cancer patients on pain and co-occurring symptoms following chemotherapy. *Supportive Care in Cancer*, **2016**, 24, 605-614	3.9	34
140	Subgroups of chemotherapy patients with distinct morning and evening fatigue trajectories. *Supportive Care in Cancer*, **2016**, 24, 1473-85	3.9	32
139	Role for monocyte chemoattractant protein-1 in the induction of chronic muscle pain in the rat. *Pain*, **2014**, 155, 1161-1167	8	32
138	Selective attenuation of mu-opioid receptor-mediated effects in rat sensory neurons by intrathecal administration of antisense oligodeoxynucleotides. *Neuroscience Letters*, **1996**, 218, 17-20	3.3	30
137	Impact of chemotherapy-induced neurotoxicities on adult cancer survivorsSsymptom burden and quality of life. *Journal of Cancer Survivorship*, **2018**, 12, 234-245	5.1	30
136	Hyperalgesic priming (type II) induced by repeated opioid exposure: maintenance mechanisms. *Pain* , **2017**, 158, 1204-1216	8	29
135	Inhibition of tonic spinal glutamatergic activity induces antinociception in the rat. *European Journal of Neuroscience*, **2002**, 16, 1547-53	3.5	29
134	Sexual Dimorphism in a Reciprocal Interaction of Ryanodine and IP Receptors in the Induction of Hyperalgesic Priming. *Journal of Neuroscience*, **2017**, 37, 2032-2044	6.6	28
133	Role of a novel nociceptor autocrine mechanism in chronic pain. *European Journal of Neuroscience*, **2013**, 37, 1705-13	3.5	28
132	Associations between genetic and epigenetic variations in cytokine genes and mild persistent breast pain in women following breast cancer surgery. *Cytokine*, **2017**, 99, 203-213	4	28
131	Endocrine and vagal controls of sympathetically dependent neurogenic inflammation. *Annals of the New York Academy of Sciences*, **1998**, 840, 282-8	6.5	28
130	Second messengers mediating the expression of neuroplasticity in a model of chronic pain in the rat. *Journal of Pain*, **2014**, 15, 312-20	5.2	27
129	Preoperative Breast Pain Predicts Persistent Breast Pain and Disability After Breast Cancer Surgery. *Journal of Pain and Symptom Management*, **2015**, 49, 981-94	4.8	26

128	Repeated, non-habituating stress suppresses inflammatory plasma extravasation by a novel, sympathoadrenal dependent mechanism. *European Journal of Neuroscience*, **2003**, 17, 805-12	3.5	26
127	Adenosine-A1 receptor agonist induced hyperalgesic priming type II. *Pain*, **2016**, 157, 698-709	8	26
126	Expression of mitochondrial dysfunction-related genes and pathways in paclitaxel-induced peripheral neuropathy in breast cancer survivors. *Molecular Pain*, **2018**, 14, 1744806918816462	3.4	26
125	Differences in Symptom Clusters Identified Using Ratings of Symptom Occurrence vs. Severity in Lung Cancer Patients Receiving Chemotherapy. *Journal of Pain and Symptom Management*, **2017**, 54, 194-203	4.8	25
124	Swedish Nerve Growth Factor Mutation (NGF) Defines a Role for TrkA and p75 in Nociception. *Journal of Neuroscience*, **2018**, 38, 3394-3413	6.6	25
123	Gi-protein-coupled 5-HT1B/D receptor agonist sumatriptan induces type I hyperalgesic priming. *Pain*, **2016**, 157, 1773-1782	8	25
122	Polymorphisms in Cytokine Genes Are Associated With Higher Levels of Fatigue and Lower Levels of Energy in Women After Breast Cancer Surgery. *Journal of Pain and Symptom Management*, **2016**, 52, 695-708.e4	4.8	25
121	Plasma membrane mechanisms in a preclinical rat model of chronic pain. *Journal of Pain*, **2015**, 16, 60-6	5.2	24
120	Gene Expression Profiling of Evening Fatigue in Women Undergoing Chemotherapy for Breast Cancer. *Biological Research for Nursing*, **2016**, 18, 370-85	2.6	24
119	Associations Between Neurotransmitter Genes and Fatigue and Energy Levels in Women After Breast Cancer Surgery. *Journal of Pain and Symptom Management*, **2017**, 53, 67-84.e7	4.8	24
118	Contribution of Piezo2 to endothelium-dependent pain. *Molecular Pain*, **2015**, 11, 65	3.4	24
117	Synergism between the analgesic actions of morphine and pentazocine. *Pain*, **1988**, 33, 369-372	8	23
116	Naloxone fails to antagonize nitrous oxide analgesia for clinical pain. *Pain*, **1982**, 13, 165-170	8	23
115	Role of Nociceptor Toll-like Receptor 4 (TLR4) in Opioid-Induced Hyperalgesia and Hyperalgesic Priming. *Journal of Neuroscience*, **2019**, 39, 6414-6424	6.6	22
114	Fentanyl Induces Rapid Onset Hyperalgesic Priming: Type I at Peripheral and Type II at Central Nociceptor Terminals. *Journal of Neuroscience*, **2018**, 38, 2226-2245	6.6	22
113	Persistent breast pain following breast cancer surgery is associated with persistent sensory changes, pain interference, and functional impairments. *Journal of Pain*, **2014**, 15, 1227-37	5.2	22
112	Muscle pain in models of chemotherapy-induced and alcohol-induced peripheral neuropathy. *Annals of Neurology*, **2011**, 70, 101-9	9.4	22
111	Evaluation of coping as a mediator of the relationship between stressful life events and cancer-related distress. *Health Psychology*, **2017**, 36, 1147-1160	5	22

110	Inflammatory pathway genes associated with inter-individual variability in the trajectories of morning and evening fatigue in patients receiving chemotherapy. *Cytokine*, **2017**, 91, 187-210	4	21
109	Trajectories of Evening Fatigue in Oncology Outpatients Receiving Chemotherapy. *Journal of Pain and Symptom Management*, **2015**, 50, 163-75	4.8	21
108	Associations Between Perceived Stress and Chemotherapy-Induced Peripheral Neuropathy and Otoxicity in Adult Cancer Survivors. *Journal of Pain and Symptom Management*, **2018**, 56, 88-97	4.8	21
107	In vivo and in vitro comparison of female and male nociceptors. *Journal of Pain*, **2012**, 13, 1224-31	5.2	21
106	Mu-opioid Receptor (MOR) Biased Agonists Induce Biphasic Dose-dependent Hyperalgesia and Analgesia, and Hyperalgesic Priming in the Rat. *Neuroscience*, **2018**, 394, 60-71	3.9	20
105	Stability of Symptom Clusters in Patients With Lung Cancer Receiving Chemotherapy. *Journal of Pain and Symptom Management*, **2019**, 57, 909-922	4.8	19
104	Nociceptor interleukin 10 receptor 1 is critical for muscle analgesia induced by repeated bouts of eccentric exercise in the rat. *Pain*, **2017**, 158, 1481-1488	8	18
103	Association of Personality Profiles with Depressive, Anxiety, and Cancer-related Symptoms in Patients Undergoing Chemotherapy. *Personality and Individual Differences*, **2017**, 117, 130-138	3.3	18
102	Marked sexual dimorphism in 5-HT receptors mediating pronociceptive effects of sumatriptan. *Neuroscience*, **2017**, 344, 394-405	3.9	17
101	Role of GPCR (mu-opioid)-receptor tyrosine kinase (epidermal growth factor) crosstalk in opioid-induced hyperalgesic priming (type II). *Pain*, **2018**, 159, 864-875	8	17
100	Congruence Between Latent Class and K-Modes Analyses in the Identification of Oncology Patients With Distinct Symptom Experiences. *Journal of Pain and Symptom Management*, **2018**, 55, 318-333.e4	4.8	17
99	Role of adrenal medulla in development of sexual dimorphism in inflammation. *European Journal of Neuroscience*, **2001**, 14, 1436-44	3.5	17
98	Changes in the Occurrence, Severity, and Distress of Symptoms in Patients With Gastrointestinal Cancers Receiving Chemotherapy. *Journal of Pain and Symptom Management*, **2018**, 55, 808-834	4.8	17
97	Phenotypic Characterization of Paclitaxel-Induced Peripheral Neuropathy in Cancer Survivors. *Journal of Pain and Symptom Management*, **2018**, 56, 908-919.e3	4.8	17
96	CD44 Signaling Mediates High Molecular Weight Hyaluronan-Induced Antihyperalgesia. *Journal of Neuroscience*, **2018**, 38, 308-321	6.6	16
95	Symptom Clusters in Patients With Gastrointestinal Cancers Using Different Dimensions of the Symptom Experience. *Journal of Pain and Symptom Management*, **2019**, 58, 224-234	4.8	15
94	Differences in symptom clusters before and twelve months after breast cancer surgery. *European Journal of Oncology Nursing*, **2018**, 32, 63-72	2.8	15
93	Contrast-enhanced MRI of periarticular soft-tissue changes in experimental arthritis of the rat. *Magnetic Resonance in Medicine*, **1986**, 3, 385-96	4.4	15

92	Marked sexual dimorphism in neuroendocrine mechanisms for the exacerbation of paclitaxel-induced painful peripheral neuropathy by stress. *Pain*, **2020**, 161, 865-874	8	14
91	Differences in symptom occurrence, severity, and distress ratings between patients with gastrointestinal cancers who received chemotherapy alone or chemotherapy with targeted therapy. *Journal of Gastrointestinal Oncology*, **2017**, 8, 109-126	2.8	14
90	Stability of Symptom Clusters in Patients With Gastrointestinal Cancers Receiving Chemotherapy. *Journal of Pain and Symptom Management*, **2019**, 58, 989-1001.e10	4.8	14
89	Perceived stress is associated with a higher symptom burden in cancer survivors. *Cancer*, **2019**, 125, 4509-4515	6.4	14
88	Cytokine Gene Polymorphisms Associated With Symptom Clusters in Oncology Patients Undergoing Radiation Therapy. *Journal of Pain and Symptom Management*, **2017**, 54, 305-316.e3	4.8	14
87	Factors associated with oncology patientsSinvolvement in shared decision making during chemotherapy. *Psycho-Oncology*, **2017**, 26, 1972-1979	3.9	14
86	Screening the role of pronociceptive molecules in a rodent model of endometriosis pain. *Journal of Pain*, **2014**, 15, 726-33	5.2	14
85	Modifiable and non-modifiable characteristics associated with sleep disturbance in oncology outpatients during chemotherapy. *Supportive Care in Cancer*, **2017**, 25, 2485-2494	3.9	13
84	Predictors of the multidimensional symptom experience of lung cancer patients receiving chemotherapy. *Supportive Care in Cancer*, **2017**, 25, 1931-1939	3.9	13
83	Electrophysiological correlates of hyperalgesic priming in vitro and in vivo. *Pain*, **2013**, 154, 2207-2215	8	13
82	Role of Kv4.3 in Vibration-Induced Muscle Pain in the Rat. *Journal of Pain*, **2016**, 17, 444-50	5.2	12
81	Involvement of TACAN, a Mechanotransducing Ion Channel, in Inflammatory But Not Neuropathic Hyperalgesia in the Rat. *Journal of Pain*, **2021**, 22, 498-508	5.2	12
80	Common and Distinct Characteristics Associated With Trajectories of Morning and Evening Energy in Oncology Patients Receiving Chemotherapy. *Journal of Pain and Symptom Management*, **2017**, 53, 887-900.e2	4.8	11
79	Co-occurring Gastrointestinal Symptoms Are Associated With Taste Changes in Oncology Patients Receiving Chemotherapy. *Journal of Pain and Symptom Management*, **2019**, 58, 756-765	4.8	11
78	Differential expression of genes and differentially perturbed pathways associated with very high evening fatigue in oncology patients receiving chemotherapy. *Supportive Care in Cancer*, **2018**, 26, 739-750	3.9	11
77	Persistent arm pain is distinct from persistent breast pain following breast cancer surgery. *Journal of Pain*, **2014**, 15, 1238-47	5.2	11
76	ATP release mechanisms of endothelial cell-mediated stimulus-dependent hyperalgesia. *Journal of Pain*, **2014**, 15, 771-7	5.2	11
75	MicroRNA-19b predicts widespread pain and posttraumatic stress symptom risk in a sex-dependent manner following trauma exposure. *Pain*, **2020**, 161, 47-60	8	11

74	Oncology patientsSperceptions of and experiences with COVID-19. *Supportive Care in Cancer*, **2021**, 29, 1941-1950	3.9	11
73	Hearing loss and tinnitus in survivors with chemotherapy-induced neuropathy. *European Journal of Oncology Nursing*, **2018**, 32, 1-11	2.8	11
72	Neonatal handling (resilience) attenuates water-avoidance stress induced enhancement of chronic mechanical hyperalgesia in the rat. *Neuroscience Letters*, **2015**, 591, 207-211	3.3	10
71	Loneliness and symptom burden in oncology patients during the COVID-19 pandemic. *Cancer*, **2021**, 127, 3246-3253	6.4	10
70	Deleterious Effects of Higher Body Mass Index on Subjective and Objective Measures of Chemotherapy-Induced Peripheral Neuropathy in Cancer Survivors. *Journal of Pain and Symptom Management*, **2019**, 58, 252-263	4.8	9
69	Identification of subgroups of chemotherapy patients with distinct sleep disturbance profiles and associated co-occurring symptoms. *Sleep*, **2019**, 42,	1.1	9
68	Endogenous opioids suppress activation of nociceptors by sub-nanomolar nicotine. *British Journal of Pharmacology*, **2001**, 133, 23-8	8.6	9
67	Risk Factors Associated With Chemotherapy-Induced Nausea in the Week Before the Next Cycle and Impact of Nausea on Quality of Life Outcomes. *Journal of Pain and Symptom Management*, **2018**, 56, 352-362	4.8	9
66	Association of personality profiles with coping and adjustment to cancer among patients undergoing chemotherapy. *Psycho-Oncology*, **2020**, 29, 1060-1067	3.9	8
65	Differential methylation and expression of genes in the hypoxia-inducible factor 1 signaling pathway are associated with paclitaxel-induced peripheral neuropathy in breast cancer survivors and with preclinical models of chemotherapy-induced neuropathic pain. *Molecular Pain*, **2020**, 16, 1744806920936502	3.4	8
64	Higher levels of stress and different coping strategies are associated with greater morning and evening fatigue severity in oncology patients receiving chemotherapy. *Supportive Care in Cancer*, **2020**, 28, 4697-4706	3.9	8
63	Polymorphisms in Tumor Necrosis Factor-Are Associated With Higher Anxiety Levels in Women After Breast Cancer Surgery. *Clinical Breast Cancer*, **2016**, 16, 63-71.e3	3	8
62	Neuronally produced versican V2 renders C-fiber nociceptors IB4 -positive. *Journal of Neurochemistry*, **2015**, 134, 147-55	6	8
61	Distinct financial distress profiles in patients with breast cancer prior to and for 12 months following surgery. *BMJ Supportive and Palliative Care*, **2020**,	2.2	8
60	Distinct Stress Profiles Among Oncology Patients Undergoing Chemotherapy. *Journal of Pain and Symptom Management*, **2020**, 59, 646-657	4.8	8
59	Systemic Morphine Produces Dose-dependent Nociceptor-mediated Biphasic Changes in Nociceptive Threshold and Neuroplasticity. *Neuroscience*, **2019**, 398, 64-75	3.9	8
58	Age-related differences in patient-reported and objective measures of chemotherapy-induced peripheral neuropathy among cancer survivors. *Supportive Care in Cancer*, **2019**, 27, 3905-3912	3.9	7
57	Topical Tetrodotoxin Attenuates Photophobia Induced by Corneal Injury in the Rat. *Journal of Pain*, **2015**, 16, 881-6	5.2	7

56	A longitudinal analysis of phenotypic and symptom characteristics associated with inter-individual variability in employment interference in patients with breast cancer. *Supportive Care in Cancer*, **2020**, 28, 4677-4686	3.9	7
55	Quality of life of patients with gastrointestinal cancers undergoing chemotherapy. *Quality of Life Research*, **2018**, 27, 1865-1876	3.7	7
54	Neonatal Handling Produces Sex Hormone-Dependent Resilience to Stress-Induced Muscle Hyperalgesia in Rats. *Journal of Pain*, **2018**, 19, 670-677	5.2	7
53	Distinct attentional function profiles in older adults receiving cancer chemotherapy. *European Journal of Oncology Nursing*, **2018**, 36, 32-39	2.8	7
52	Nociceptor Neuroplasticity Associated with Opioid-Induced Hyperalgesia. *Journal of Neuroscience*, **2019**, 39, 7061-7073	6.6	7
51	Nociceptor Interleukin 33 Receptor/ST2 Signaling in Vibration-Induced Muscle Pain in the Rat. *Journal of Pain*, **2020**, 21, 506-512	5.2	7
50	Age differences in fatigue, decrements in energy, and sleep disturbance in oncology patients receiving chemotherapy. *European Journal of Oncology Nursing*, **2016**, 23, 115-23	2.8	7
49	Regulation of Expression of Hyperalgesic Priming by Estrogen Receptor in the Rat. *Journal of Pain* , **2017**, 18, 574-582	5.2	6
48	A Pilot Study Using a Multistaged Integrated Analysis of Gene Expression and Methylation to Evaluate Mechanisms for Evening Fatigue in Women Who Received Chemotherapy for Breast Cancer. *Biological Research for Nursing*, **2019**, 21, 142-156	2.6	6
47	Age-Dependent Sexual Dimorphism in Susceptibility to Develop Chronic Pain in the Rat. *Neuroscience*, **2018**, 387, 170-177	3.9	6
46	Perturbations in neuroinflammatory pathways are associated with paclitaxel-induced peripheral neuropathy in breast cancer survivors. *Journal of Neuroimmunology*, **2019**, 335, 577019	3.5	6
45	Co-occuring symptoms in older oncology patients with distinct attentional function profiles. *European Journal of Oncology Nursing*, **2019**, 41, 196-203	2.8	6
44	Distinct Evening Fatigue Profiles in Oncology Outpatients Receiving Chemotherapy. *Fatigue: Biomedicine, Health and Behavior*, **2017**, 5, 131-144	2.3	6
43	Fibromyalgia: the nerve of that disease. *Journal of rheumatology Supplement, The*, **2005**, 75, 29-37		6
42	Differences in limb volume trajectories after breast cancer treatment. *Journal of Cancer Survivorship*, **2016**, 10, 772-82	5.1	5
41	Alterations in Patterns of Gene Expression and Perturbed Pathways in the Gut-Brain Axis Are Associated With Chemotherapy-Induced Nausea. *Journal of Pain and Symptom Management*, **2020**, 59, 1248-1259.e5	4.8	5
40	Gastrointestinal symptoms are associated with trajectories of chemotherapy-induced nausea. *Supportive Care in Cancer*, **2020**, 28, 2205-2215	3.9	5
39	Cancer-related cognitive impairment is associated with perturbations in inflammatory pathways. *Cytokine*, **2021**, 148, 155653	4	5

38	Signaling pathways and gene co-expression modules associated with cytoskeleton and axon morphology in breast cancer survivors with chronic paclitaxel-induced peripheral neuropathy. *Molecular Pain*, **2019**, 15, 1744806919878088	3.4	4
37	Changes in Attentional Function in Patients From Before Through 12 Months After Breast Cancer Surgery. *Journal of Pain and Symptom Management*, **2020**, 59, 1172-1185	4.8	4
36	Sexual dimorphism in the contribution of neuroendocrine stress axes to oxaliplatin-induced painful peripheral neuropathy. *Pain*, **2021**, 162, 907-918	8	4
35	Sexual dimorphism in the nociceptive effects of hyaluronan. *Pain*, **2021**, 162, 1116-1125	8	4
34	Mechanisms Mediating High-Molecular-Weight Hyaluronan-Induced Antihyperalgesia. *Journal of Neuroscience*, **2020**, 40, 6477-6488	6.6	4
33	Fatigue, Stress, and Functional Status are Associated With Taste Changes in Oncology Patients Receiving Chemotherapy. *Journal of Pain and Symptom Management*, **2021**, 62, 373-382.e2	4.8	4
32	Distinct diarrhea profiles during outpatient chemotherapy. *Supportive Care in Cancer*, **2021**, 29, 2363-2373	3.9	4
31	Associations Between Catecholaminergic and Serotonergic Genes and Persistent Arm Pain Severity Following Breast Cancer Surgery. *Journal of Pain*, **2019**, 20, 1100-1111	5.2	3
30	Characteristics associated with inter-individual differences in the trajectories of self-reported attentional function in oncology outpatients receiving chemotherapy. *Supportive Care in Cancer*, **2017**, 25, 783-793	3.9	3
29	Oncostatin M induces hyperalgesic priming and amplifies signaling of cAMP to ERK by RapGEF2 and PKA. *Journal of Neurochemistry*, **2021**, 157, 1821-1837	6	3
28	Sexually Dimorphic Role of Toll-like Receptor 4 (TLR4) in High Molecular Weight Hyaluronan (HMWH)-induced Anti-hyperalgesia. *Journal of Pain*, **2021**, 22, 1273-1282	5.2	3
27	Unpredictable stress delays recovery from exercise-induced muscle pain: contribution of the sympathoadrenal axis. *Pain Reports*, **2019**, 4, e782	3.5	3
26	Opioid-Induced Hyperalgesic Priming in Single Nociceptors. *Journal of Neuroscience*, **2021**, 41, 31-46	6.6	3
25	Higher Levels of Stress Are Associated With a Significant Symptom Burden in Oncology Outpatients Receiving Chemotherapy. *Journal of Pain and Symptom Management*, **2021**, 61, 24-31.e4	4.8	3
24	Distinct sleep disturbance profiles among patients with gynecologic cancer receiving chemotherapy. *Gynecologic Oncology*, **2021**, 163, 419-426	4.9	3
23	Menopausal-Related Symptoms in Women One Year After Breast Cancer Surgery. *Journal of Pain and Symptom Management*, **2018**, 55, 1138-1151.e1	4.8	2
22	Does the antihyperalgesic disruptor of endothelial cells, octoxynol-9, alter nociceptor function?. *Journal of Neurophysiology*, **2014**, 112, 463-6	3.2	2
21	Neuropsychological Symptoms and Intrusive Thoughts Are Associated With Worse Trajectories of Chemotherapy-Induced Nausea. *Journal of Pain and Symptom Management*, **2020**, 59, 668-678	4.8	2

20	Damage to the cytoskeleton of large diameter sensory neurons and myelinated axons in vincristine-induced painful peripheral neuropathy in the rat **2000**, 424, 563		2
19	Expression of a novel versican variant in dorsal root ganglia from spared nerve injury rats. *Molecular Pain*, **2019**, 15, 1744806919874557	3.4	1
18	Contribution of Loss of Large Fiber Function to Pain in 2 Samples of Oncology Patients. *Clinical Journal of Pain*, **2019**, 35, 37-42	3.5	1
17	Co-occurrence of decrements in physical and cognitive function is common in older oncology patients receiving chemotherapy. *European Journal of Oncology Nursing*, **2020**, 48, 101823	2.8	1
16	Distinct morning and evening fatigue profiles in gastrointestinal cancer during chemotherapy. *BMJ Supportive and Palliative Care*, **2021**,	2.2	1
15	Anxiety profiles are associated with stress, resilience and symptom severity in outpatients receiving chemotherapy. *Supportive Care in Cancer*, **2021**, 29, 7825-7836	3.9	1
14	Worst Pain Severity Profiles of Oncology Patients Are Associated With Significant Stress and Multiple Co-Occurring Symptoms. *Journal of Pain*, **2021**,	5.2	1
13	Subgroups of patients undergoing chemotherapy with distinct cognitive fatigue and evening physical fatigue profiles. *Supportive Care in Cancer*, **2021**, 29, 7985-7998	3.9	1
12	A role for gut microbiota in early-life stress-induced widespread muscle pain in the adult rat. *Molecular Pain*, **2021**, 17, 17448069211022952	3.4	1
11	Sexual dimorphic role of the glucocorticoid receptor in chronic muscle pain produced by early-life stress. *Molecular Pain*, **2021**, 17, 17448069211011313	3.4	1
10	Distinct profiles of multiple co-occurring symptoms in patients with gastrointestinal cancers receiving chemotherapy. *Supportive Care in Cancer*, **2021**, 29, 4461-4471	3.9	1
9	Nociceptor Overexpression of Na1.7 Contributes to Chronic Muscle Pain Induced by Early-Life Stress. *Journal of Pain*, **2021**, 22, 806-816	5.2	1
8	PI3K/AKT Signaling in High Molecular Weight Hyaluronan (HMWH)-Induced Anti-Hyperalgesia and Reversal of Nociceptor Sensitization. *Journal of Neuroscience*, **2021**, 41, 8414-8426	6.6	1
7	Characteristics associated with inter-individual variability in financial distress in patients with breast cancer prior to and for 12 months following surgery. *Supportive Care in Cancer*, **2021**, 1	3.9	1
6	Occurrence and perceived effectiveness of activities used to decrease chemotherapy-induced peripheral neuropathy symptoms in the feet. *European Journal of Oncology Nursing*, **2021**, 54, 102025	2.8	1
5	Perturbations in Endocytotic and Apoptotic Pathways Are Associated With Chemotherapy-Induced Nausea. *Biological Research for Nursing*, **2021**, 23, 238-247	2.6	0
4	A high stress profile is associated with severe pain in oncology patients receiving chemotherapy.. *European Journal of Oncology Nursing*, **2022**, 58, 102135	2.8	0
3	Symptom clusters in outpatients with cancer using different dimensions of the symptom experience.. *Supportive Care in Cancer*, **2022**, 1	3.9	0

2	Higher stress and symptom severity are associated with worse depressive symptom profiles in patients receiving chemotherapy.. *European Journal of Oncology Nursing*, **2021**, 58, 102031	2.8
1	Oncology outpatients with worse depression and sleep disturbance profiles are at increased risk for a higher symptom burden and poorer quality of life outcomes.. *Sleep Medicine*, **2022**, 95, 91-104	4.6