

# CITATION REPORT

List of articles citing

Recent findings on how proinflammatory cytokines cause pain: peripheral mechanisms in inflammatory and neuropathic hyperalgesia

DOI: 10.1016/j.neulet.2003.12.007

Neuroscience Letters, 2004, 361, 184-7.

**Source:** <https://exaly.com/paper-pdf/37511411/citation-report.pdf>

**Version:** 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 675 | The effects of diacerhein on mechanical allodynia in inflammatory and neuropathic models of nociception in mice. <b>2005</b> , 101, 1763-1769  |     | 55        |
| 674 | Current World Literature. <b>2005</b> , 18, 611-622  |     |           |
| 673 | Measuring the size of the extracellular fluid space using bromide, iohexol, and sodium dilution. <b>2005</b> , 101, 1770-1777  |     | 27        |
| 672 | Immune regulation of central nervous system functions: from sickness responses to pathological pain. <b>2005</b> , 257, 139-55   |     | 280       |
| 671 | Role of the immune system in chronic pain. <b>2005</b> , 6, 521-32   |     | 835       |
| 670 | Hyperthermia increases sensitivity of pulmonary C-fibre afferents in rats. <b>2005</b> , 565, 295-308  |     | 28        |
| 669 | Normal hypothalamo-pituitary-adrenal axis function in a rat model of peripheral neuropathic pain. <b>2005</b> , 1044, 216-26   |     | 38        |
| 668 | [Mechanisms in the development of pain. Key issue in the periphery]. <b>2005</b> , 46, 1115-21   |     | 1         |
| 667 | A cascade of cytokines mediates mechanical inflammatory hypernociception in mice. <b>2005</b> , 102, 1755-60   |     | 448       |
| 666 | Inflammation and gut motility; neural control of intestinal immune cell activation. <b>2005</b> , 41 Suppl 1, S10-1  |     | 9         |
| 665 | Attenuated fever response in mice lacking TRPV1. <i>Neuroscience Letters</i> , <b>2005</b> , 378, 28-33  | 3.3 | 88        |
| 664 | Immune and glial cell factors as pain mediators and modulators. <b>2005</b> , 192, 444-62  |     | 332       |
| 663 | Gender-related effects of chronic non-malignant pain and opioid therapy on plasma levels of macrophage migration inhibitory factor (MIF). <b>2005</b> , 115, 142-51                    |     | 56        |
| 662 | Changes in cerebrospinal fluid levels of pro-inflammatory cytokines in CRPS. <b>2005</b> , 116, 213-219  |     | 193       |
| 661 | Intraneural injection of interleukin-1beta and tumor necrosis factor-alpha into rat sciatic nerve at physiological doses induces signs of neuropathic pain. <b>2005</b> , 116, 257-263 |     | 230       |
| 660 | Chemical mediators enhance the excitability of unmyelinated sensory axons in normal and injured peripheral nerve of the rat. <b>2005</b> , 134, 1399-411                               |     | 75        |
| 659 | HSV-mediated expression of interleukin-4 in dorsal root ganglion neurons reduces neuropathic pain. <i>Molecular Pain</i> , <b>2006</b> , 2, 6  | 3.4 | 121       |

|     |   |        |
|-----|---|--------|
| 658 | Pain discomfort and crevicular fluid changes induced by orthodontic elastic separators in children. <b>2006</b> , 7, 367-76   | 87     |
| 657 | Pain management: is opioid immunosuppression a clinical problem?. <b>2006</b> , 60, 310-7   | 50     |
| 656 | Effect of betamethasone on neuropathic pain and cerebral expression of NF-kappaB and cytokines. <i>Neuroscience Letters</i> , <b>2006</b> , 393, 255-9  | 3-3 39 |
| 655 | Interleukin-1 beta contributes to the upregulation of kappa opioid receptor mRNA in dorsal root ganglia in response to peripheral inflammation. <b>2006</b> , 141, 989-998  | 54     |
| 654 | Robust increase of cutaneous sensitivity, cytokine production and sympathetic sprouting in rats with localized inflammatory irritation of the spinal ganglia. <b>2006</b> , 142, 809-22                             | 124    |
| 653 | Interferential Therapy Produces Antinociception During Application in Various Models of Inflammatory Pain. <b>2006</b> , 86, 800-808  | 25     |
| 652 | Increased calcitonin gene-related peptide in neuroma and invading macrophages is involved in the up-regulation of interleukin-6 and thermal hyperalgesia in a rat model of mononeuropathy. <b>2006</b> , 98, 180-92 | 60     |
| 651 | Proinflammatory cytokine levels in saliva before and after treatment of (erosive) oral lichen planus with dexamethasone. <b>2006</b> , 12, 112-6  | 82     |
| 650 | The neurobiology of itch. <b>2006</b> , 7, 535-47   | 676    |
| 649 | Bv8, the amphibian homologue of the mammalian prokineticins, induces a proinflammatory phenotype of mouse macrophages. <b>2006</b> , 147, 225-34  | 80     |
| 648 | Relevance of tumour necrosis factor-alpha for the inflammatory and nociceptive responses evoked by carrageenan in the mouse paw. <b>2006</b> , 148, 688-95  | 87     |
| 647 | Cytokine signalling in rat pulp interstitial fluid and transcapillary fluid exchange during lipopolysaccharide-induced acute inflammation. <b>2006</b> , 573, 225-36  | 42     |
| 646 | Acute p38-mediated modulation of tetrodotoxin-resistant sodium channels in mouse sensory neurons by tumor necrosis factor-alpha. <b>2006</b> , 26, 246-55   | 360    |
| 645 | Pathophysiology and treatment of pain in joint disease. <b>2006</b> , 58, 323-42  | 71     |
| 644 | Immune and inflammatory mechanisms in neuropathic pain. <b>2006</b> , 51, 240-64  | 577    |
| 643 | Hypernociceptive role of cytokines and chemokines: targets for analgesic drug development?. <b>2006</b> , 112, 116-38   | 404    |
| 642 | Prostanoid receptor EP1 and Cox-2 in injured human nerves and a rat model of nerve injury: a time-course study. <b>2006</b> , 6, 1  | 56     |
| 641 | Reciprocal regulation of nuclear factor kappa B and its inhibitor ZAS3 after peripheral nerve injury. <b>2006</b> , 7, 4  | 17     |

|     |  |     |
|-----|--|-----|
| 640 | Reduced levels of antiinflammatory cytokines in patients with chronic widespread pain. <b>2006</b> , 54, 2656-64   | 166 |
| 639 | Both GnRH agonist and continuous oral progestin treatments reduce the expression of the tyrosine kinase receptor B and mu-opioid receptor in deep infiltrating endometriosis. <b>2007</b> , 22, 124-8                              | 19  |
| 638 | Chapter 22 Contribution of glia to pain processing in health and disease. <b>2006</b> , 81, 309-23   | 17  |
| 637 | Modulators of pain: Bv8 and prokineticins. <b>2006</b> , 4, 207-15   | 22  |
| 636 | Interleukin-2: a potential treatment option for postherpetic neuralgia?. <b>2006</b> , 43, e109-10   | 3   |
| 635 | Cancer chemotherapy-related symptoms: evidence to suggest a role for proinflammatory cytokines. <b>2006</b> , 33, 535-42   | 100 |
| 634 | Neurological manifestations in Fabry's disease. <b>2007</b> , 3, 95-106  | 45  |
| 633 | Inflammatory mediators modulating the transient receptor potential vanilloid 1 receptor: therapeutic targets to treat inflammatory and neuropathic pain. <b>2007</b> , 11, 307-20  | 93  |
| 632 | Cellular and Molecular Regulation of Inflammatory Pain, Nociception and Hyperalgesia - The Role of the Transcription Factor NF- $\kappa$ B as the Lynchpin Nocisensor: Hyperalgesic or Analgesic Effect?. <b>2007</b> , 3, 117-131 | 2   |
| 631 | Dental Pain. <b>2007</b> , 15, 75-90   |     |
| 630 | Spinal Reconstruction. <b>2007</b> ,   | 1   |
| 629 | Nuclear factor-kappab (NF-kappaB): an unsuspected major culprit in the pathogenesis of endometriosis that is still at large?. <b>2007</b> , 63, 71-97  | 112 |
| 628 | Growth Factors and Cytokines. 1173-1196  |     |
| 627 | Substance P at the nexus of mind and body in chronic inflammation and affective disorders. <b>2007</b> , 133, 1007-37  | 63  |
| 626 | ISSLS prize winner: repeated disc injury causes persistent inflammation. <b>2007</b> , 32, 2812-9  | 146 |
| 625 | Prostaglandin E2 enhances the sensitizing effect of hyperthermia on pulmonary C-fibers in rats. <b>2007</b> , 156, 241-9   | 5   |
| 624 | Catechol-O-methyltransferase inhibition increases pain sensitivity through activation of both beta2- and beta3-adrenergic receptors. <b>2007</b> , 128, 199-208  | 207 |
| 623 | Role of the cysteine protease cathepsin S in neuropathic hyperalgesia. <b>2007</b> , 130, 225-234  | 98  |

|     |   |     |     |
|-----|---|-----|-----|
| 622 | Interferon-gamma induced disruption of GABAergic inhibition in the spinal dorsal horn in vivo. <b>2007</b> , 133, 18-28   |     | 37  |
| 621 | Morphine treatment accelerates sarcoma-induced bone pain, bone loss, and spontaneous fracture in a murine model of bone cancer. <b>2007</b> , 132, 154-68   |     | 82  |
| 620 | Pain and endometriosis. <b>2007</b> , 132 Suppl 1, S22-S25  |     | 40  |
| 619 | Regulation of proinflammatory cytokines gene expression by nociceptin/orphanin FQ in the spinal cord and the cultured astrocytes. <b>2007</b> , 144, 275-85   |     | 47  |
| 618 | Clinical correlates of elevated serum concentrations of cytokines and autoantibodies in patients with spinal cord injury. <b>2007</b> , 88, 1384-93   |     | 158 |
| 617 | Role of TRPV receptors in respiratory diseases. <b>2007</b> , 1772, 915-27  |     | 99  |
| 616 | Pain hypersensitivity in rats with experimental autoimmune neuritis, an animal model of human inflammatory demyelinating neuropathy. <b>2007</b> , 21, 699-710  |     | 39  |
| 615 | Antigen-induced inflammatory mechanical hypernociception in mice is mediated by IL-18. <b>2007</b> , 21, 535-43   |     | 55  |
| 614 | Peri-sciatic administration of recombinant rat TNF-alpha induces mechanical allodynia via upregulation of TNF-alpha in dorsal root ganglia and in spinal dorsal horn: the role of NF-kappa B pathway. <b>2007</b> , 205, 471-84 |     | 82  |
| 613 | Activation of phosphatidylinositol 3-kinase and protein kinase B/Akt in dorsal root ganglia and spinal cord contributes to the neuropathic pain induced by spinal nerve ligation in rats. <b>2007</b> , 206, 269-79             |     | 99  |
| 612 | Bv8/Prokineticin proteins and their receptors. <b>2007</b> , 81, 1103-16  |     | 88  |
| 611 | Spatiotemporal quantification of tumor necrosis factor-alpha and interleukin-10 after crush injury in rat sciatic nerve utilizing immunohistochemistry. <i>Neuroscience Letters</i> , <b>2007</b> , 417, 55-60                  | 3-3 | 19  |
| 610 | Arthritis and pain. Future targets to control osteoarthritis pain. <b>2007</b> , 9, 212   |     | 94  |
| 609 | Neuropathic pain: molecular complexity underlies continuing unmet medical need. <b>2007</b> , 50, 2547-56   |     | 39  |
| 608 | Advancing our understanding of the mechanisms and mediators underlying pain and inflammation. <b>2007</b> , 27 Suppl 1, 1-6   |     |     |
| 607 | Psychophysics, flare, and neurosecretory function in human pain models: capsaicin versus electrically evoked pain. <b>2007</b> , 8, 503-14  |     | 48  |
| 606 | Drug disease interactions: role of inflammatory mediators in pain and variability in analgesic drug response. <b>2007</b> , 10, 554-66  |     | 17  |
| 605 | Mediadores inflamatorios y moduladores del dolor. <b>2007</b> , 49-72   |     |     |

|     |  |     |     |
|-----|--|-----|-----|
| 604 | Activation of the nociceptin opioid system in rat sensory neurons produces antinociceptive effects in inflammatory pain: involvement of inflammatory mediators. <b>2007</b> , 85, 1478-88      |     | 30  |
| 603 | Localisation and modulation of prostanoid receptors EP1 and EP4 in the rat chronic constriction injury model of neuropathic pain. <i>European Journal of Pain</i> , <b>2007</b> , 11, 605-13   | 3-7 | 13  |
| 602 | Effect of the cannabinoid CB1 receptor antagonist rimonabant on nociceptive responses and adjuvant-induced arthritis in obese and lean rats. <b>2007</b> , 150, 559-66                         |     | 52  |
| 601 | Complement activation contributes to leukocyte recruitment and neuropathic pain following peripheral nerve injury in rats. <b>2007</b> , 26, 3486-500  |     | 27  |
| 600 | Peripheral inflammation increases Scya2 expression in sensory ganglia and cytokine and endothelial related gene expression in inflamed tissue. <b>2007</b> , 103, 1628-43                      |     | 40  |
| 599 | Involvement of p38MAPK on the antinociceptive action of myricitrin in mice. <b>2007</b> , 74, 924-31   |     | 36  |
| 598 | Anti-hypernociceptive properties of agmatine in persistent inflammatory and neuropathic models of pain in mice. <b>2007</b> , 1159, 124-33   |     | 31  |
| 597 | Spinal mechanisms of antinociceptive action caused by diphenyl diselenide. <b>2007</b> , 1162, 32-7  |     | 19  |
| 596 | Antinociceptive action of myricitrin: involvement of the K <sup>+</sup> and Ca <sup>2+</sup> channels. <b>2007</b> , 567, 198-205  |     | 38  |
| 595 | Skin biopsy in the management of peripheral neuropathy. <b>2007</b> , 6, 632-42  |     | 94  |
| 594 | Enhanced synthesis of proinflammatory cytokines by vulvar vestibular fibroblasts: implications for vulvar vestibulitis. <b>2007</b> , 196, 346.e1-8  |     | 47  |
| 593 | Spinal and supraspinal changes in tumor necrosis factor-alpha expression following excitotoxic spinal cord injury. <b>2007</b> , 31, 13-21   |     | 12  |
| 592 | [Primary headaches and the influence of inflammatory diseases of the CNS and their respective immunomodulatory therapy]. <b>2007</b> , 21, 415-23  |     | 1   |
| 591 | Antinociceptive effects of tumor necrosis factor alpha neutralization in a rat model of antigen-induced arthritis: evidence of a neuronal target. <b>2008</b> , 58, 2368-78                    |     | 125 |
| 590 | Biochemical alterations in the trapezius muscle of patients with chronic whiplash associated disorders (WAD)--a microdialysis study. <i>European Journal of Pain</i> , <b>2008</b> , 12, 82-93 | 3-7 | 62  |
| 589 | Role of IL-15 in spinal cord and sciatic nerve after chronic constriction injury: regulation of macrophage and T-cell infiltration. <b>2008</b> , 107, 1741-52                                 |     | 59  |
| 588 | Persistent changes in spinal cord gene expression after recovery from inflammatory hyperalgesia: a preliminary study on pain memory. <b>2008</b> , 9, 32                                       |     | 19  |
| 587 | Spinal mechanisms of antinociceptive effect caused by oral administration of bis-selenide in mice. <b>2008</b> , 1231, 25-33   |     | 21  |

|     |   |     |     |
|-----|---|-----|-----|
| 586 | Regulation of interleukin-1beta by the interleukin-1 receptor antagonist in the glutamate-injured spinal cord: endogenous neuroprotection. <b>2008</b> , 1231, 63-74  |     | 27  |
| 585 | Differential modulation of inflammatory pain by a selective estrogen receptor beta agonist. <b>2008</b> , 592, 158-9  |     | 22  |
| 584 | Altered cytokine levels in the blood and cerebrospinal fluid of chronic pain patients. <i>Journal of Neuroimmunology</i> , <b>2008</b> , 195, 157-63  | 3.5 | 108 |
| 583 | Elevated serum inflammatory markers in post-poliomyelitis syndrome. <b>2008</b> , 271, 80-6   |     | 32  |
| 582 | Osteoarthritic pain: a review of current, theoretical and emerging therapeutics. <b>2008</b> , 17, 619-40   |     | 35  |
| 581 | Brain-derived neurotrophic factor and its receptor in the human and the sand rat intervertebral disc. <b>2008</b> , 10, R82   |     | 37  |
| 580 | Common interleukin-6 promoter variants associate with the more severe forms of distal interphalangeal osteoarthritis. <b>2008</b> , 10, R21   |     | 41  |
| 579 | Cytokine mechanisms of central sensitization: distinct and overlapping role of interleukin-1beta, interleukin-6, and tumor necrosis factor-alpha in regulating synaptic and neuronal activity in the superficial spinal cord. <b>2008</b> , 28, 5189-94 |     | 810 |
| 578 | Activation of JNK pathway in persistent pain. <i>Neuroscience Letters</i> , <b>2008</b> , 437, 180-3  | 3.3 | 117 |
| 577 | Tumor necrosis factor alpha enhances the sensitivity of rat trigeminal neurons to capsaicin. <b>2008</b> , 155, 503-9   |     | 62  |
| 576 | The purinergic antagonist PPADS reduces pain related behaviours and interleukin-1 beta, interleukin-6, iNOS and nNOS overproduction in central and peripheral nervous system after peripheral neuropathy in mice. <b>2008</b> , 137, 81-95              |     | 118 |
| 575 | TNF signaling contributes to the development of nociceptive sensitization in a tibia fracture model of complex regional pain syndrome type I. <b>2008</b> , 137, 507-519  |     | 71  |
| 574 | Cytokine profile in human skin in response to experimental inflammation, noxious stimulation, and administration of a COX-inhibitor: a microdialysis study. <b>2008</b> , 139, 15-27  |     | 84  |
| 573 | Association of catastrophizing with interleukin-6 responses to acute pain. <b>2008</b> , 140, 135-144   |     | 140 |
| 572 | Responses of algescic and metabolic substances to 8 h of repetitive manual work in myalgic human trapezius muscle. <b>2008</b> , 140, 479-490   |     | 49  |
| 571 | Curcumin and cancer: an "old-age" disease with an "age-old" solution. <b>2008</b> , 267, 133-64   |     | 819 |
| 570 | Dorsal root compression produces myelinated axonal degeneration near the biomechanical thresholds for mechanical behavioral hypersensitivity. <b>2008</b> , 212, 482-9  |     | 32  |
| 569 | A pilot study on the off-label use of valproic acid to treat adenomyosis. <b>2008</b> , 89, 246-50  |     | 55  |

|     |   |     |     |
|-----|---|-----|-----|
| 568 | The chemokine CXCL1/growth related oncogene increases sodium currents and neuronal excitability in small diameter sensory neurons. <i>Molecular Pain</i> , <b>2008</b> , 4, 38                                | 3-4 | 100 |
| 567 | New horizons in pharmacologic treatment for rheumatic disease pain. <b>2008</b> , 34, 481-505   |     | 15  |
| 566 | Nociceptors are interleukin-1beta sensors. <b>2008</b> , 28, 14062-73   |     | 439 |
| 565 | Supraspinal glial-neuronal interactions contribute to descending pain facilitation. <b>2008</b> , 28, 10482-95  |     | 237 |
| 564 | Is there a role for acupuncture in endometriosis pain, or 'endometrialgia'?. <b>2008</b> , 26, 94-110   |     | 18  |
| 563 | Endogenous tumor necrosis factor alpha (TNFalpha) requires TNF receptor type 2 to generate heat hyperalgesia in a mouse cancer model. <b>2008</b> , 28, 5072-81   |     | 121 |
| 562 | Phosphorylation of sodium channel Na(v)1.8 by p38 mitogen-activated protein kinase increases current density in dorsal root ganglion neurons. <b>2008</b> , 28, 3190-201                                      |     | 133 |
| 561 | Capsular ligament involvement in the development of mechanical hyperalgesia after facet joint loading: behavioral and inflammatory outcomes in a rodent model of pain. <b>2008</b> , 25, 1383-93              |     | 57  |
| 560 | Systemic glucocorticoid therapy reduces pain and the number of endoneurial tumor necrosis factor-alpha (TNFalpha)-positive mast cells in rats with a painful peripheral neuropathy. <b>2008</b> , 106, 559-65 |     | 38  |
| 559 | Neuropathic pain--neurochemical aspects. <b>2008</b> , 58, 498-505, 492-8   |     | 8   |
| 558 | Perineural injection of etanercept as a treatment for postamputation pain. <b>2008</b> , 24, 172-5  |     | 39  |
| 557 | Pharmacological Modulation of Pain. <b>2008</b> , 795-819   |     |     |
| 556 | Mechanisms and treatment of neuropathic pain. <b>2009</b> , 9, 71-8   |     | 92  |
| 555 | Adaptation to chronic hypoxia involves immune cell invasion and increased expression of inflammatory cytokines in rat carotid body. <b>2009</b> , 296, L158-66  |     | 65  |
| 554 | Evidence for a key role of steroids in the modulation of pain. <b>2009</b> , 34 Suppl 1, S169-77  |     | 90  |
| 553 | Mechanisms underlying the nociceptive responses induced by platelet-activating factor (PAF) in the rat paw. <b>2009</b> , 77, 1223-35   |     | 14  |
| 552 | Role of interleukin-1beta during pain and inflammation. <b>2009</b> , 60, 57-64   |     | 400 |
| 551 | Diabetic painful and insensate neuropathy: pathogenesis and potential treatments. <b>2009</b> , 6, 638-47   |     | 199 |



|     |   |     |     |
|-----|---|-----|-----|
| 550 | The role of mitogen-activated protein kinase (MAPK) in morphine tolerance and dependence. <b>2009</b> , 40, 101-7   |     | 67  |
| 549 | Joint pain. <b>2009</b> , 196, 153-62   |     | 141 |
| 548 | Post-inflammatory modification of colonic afferent mechanosensitivity. <b>2009</b> , 36, 1034-40  |     | 54  |
| 547 | Physiopathologie de la douleur articulaire. <b>2009</b> , 76, 494-499   |     |     |
| 546 | Substance P expression in the distal cerebrospinal fluid-contacting neurons and spinal trigeminal nucleus in formalin-induced the orofacial inflammatory pain in rats. <b>2009</b> , 78, 139-44 |     | 18  |
| 545 | Interleukin-1alpha regulates substance P expression and release in adult sensory neurons. <b>2009</b> , 217, 395-400  |     | 35  |
| 544 | Matrix metalloprotease regulation of neuropathic pain. <b>2009</b> , 30, 336-40   |     | 114 |
| 543 | Involvement of Rho-kinase in tumor necrosis factor-alpha-induced interleukin-6 release from C6 glioma cells. <b>2009</b> , 55, 438-45   |     | 27  |
| 542 | Variation in the COMT gene: implications for pain perception and pain treatment. <b>2009</b> , 10, 669-84   |     | 91  |
| 541 | Endometriosis and mechanisms of pelvic pain. <b>2009</b> , 16, 540-50   |     | 131 |
| 540 | Characterization of NF-kB-mediated inhibition of catechol-O-methyltransferase. <i>Molecular Pain</i> , <b>2009</b> , 5, 13  | 3-4 | 27  |
| 539 | Health-related quality of life in patients with primary Sjögren's syndrome: relationship with serum levels of proinflammatory cytokines. <b>2009</b> , 38, 386-9                                |     | 35  |
| 538 | Nociceptive and inflammatory responses induced by formalin in the orofacial region of rats: effect of anti-TNFalpha strategies. <i>International Immunopharmacology</i> , <b>2009</b> , 9, 80-5 | 5.8 | 14  |
| 537 | Cytokine mRNA expression in painful radiculopathy. <b>2009</b> , 10, 90-9   |     | 50  |
| 536 | Multimodal analgesia for chronic pain: rationale and future directions. <i>Pain Medicine</i> , <b>2009</b> , 10 Suppl 2, S53-66   | 2.8 | 47  |
| 535 | Proinflammatory cytokines in patients with neuropathic pain treated with Tramadol. <b>2009</b> , 59, 297-303  |     | 28  |
| 534 | MULTIMODAL ANALGESIA FOR CHRONIC PAIN. <b>2009</b> , 15, 134-155  |     | 1   |
| 533 | The effect of perioperative intravenous lidocaine on postoperative pain and immune function. <b>2009</b> , 109, 1464-9  |     | 152 |

|     |   |      |     |
|-----|---|------|-----|
| 532 | What We have Learned about Pain from Rodent Models of Arthritis?. <b>2010</b> , 6, 194-207  |      |     |
| 531 | N-antipyrine-3, 4-dichloromaleimide, an effective cyclic imide for the treatment of chronic pain: the role of the glutamatergic system. <b>2010</b> , 110, 942-50                           |      | 9   |
| 530 | Synapse elimination during development and disease: immune molecules take centre stage. <b>2010</b> , 38, 476-81  |      | 78  |
| 529 | TNF-alpha and neuropathic pain--a review. <i>Journal of Neuroinflammation</i> , <b>2010</b> , 7, 27   | 10.1 | 368 |
| 528 | Spatio-temporal changes of SDF1 and its CXCR4 receptor in the dorsal root ganglia following unilateral sciatic nerve injury as a model of neuropathic pain. <b>2010</b> , 133, 323-37       |      | 63  |
| 527 | Cytokine antagonism reduces pain and modulates spinal astrocytic reactivity after cervical nerve root compression. <b>2010</b> , 38, 2563-76  |      | 33  |
| 526 | Alternation of gene expression in trigeminal ganglion neurons following complete Freund's adjuvant or capsaicin injection into the rat face. <b>2010</b> , 42, 200-9                        |      | 16  |
| 525 | Immunoglobulin responsive chronic pain. <b>2010</b> , 30 Suppl 1, S103-8  |      | 22  |
| 524 | The neuro-immune balance in neuropathic pain: involvement of inflammatory immune cells, immune-like glial cells and cytokines. <i>Journal of Neuroimmunology</i> , <b>2010</b> , 229, 26-50 | 3.5  | 424 |
| 523 | Cancer-related symptom clusters, eosinophils, and survival in hepatobiliary cancer: an exploratory study. <b>2010</b> , 39, 859-71  |      | 35  |
| 522 | Fracture induces keratinocyte activation, proliferation, and expression of pro-nociceptive inflammatory mediators. <b>2010</b> , 151, 843-852   |      | 58  |
| 521 | Chemokines, neuronal-glial interactions, and central processing of neuropathic pain. <b>2010</b> , 126, 56-68   |      | 429 |
| 520 | Association between physical exercise, body mass index, and risk of fibromyalgia: longitudinal data from the Norwegian Nord-Trøndelag Health Study. <b>2010</b> , 62, 611-7                 |      | 124 |
| 519 | Treatment-induced diabetic neuropathy: a reversible painful autonomic neuropathy. <b>2010</b> , 67, 534-41  |      | 130 |
| 518 | Tumor necrosis factor causes persistent sensitization of joint nociceptors to mechanical stimuli in rats. <b>2010</b> , 62, 3806-14   |      | 79  |
| 517 | Inflammatory cytokines and aromatase inhibitor-associated musculoskeletal syndrome: a case-control study. <b>2010</b> , 103, 291-6  |      | 31  |
| 516 | The role of proinflammatory cytokines in the generation and maintenance of joint pain. <b>2010</b> , 1193, 60-9   |      | 141 |
| 515 | Evaluation of the Impact of Endometriotic Lesions on Patient'S Pelvic Pain Symptoms. <b>2010</b> , 2, 155-163   |      | 3   |

|     |  |      |     |
|-----|--|------|-----|
| 514 | The effect of dentition on feeding development in piglets and on their growth and behavior after weaning. <b>2010</b> , 88, 2277-88  |      | 6   |
| 513 | Satellite glial cells express IL-6 and corresponding signal-transducing receptors in the dorsal root ganglia of rat neuropathic pain model. <b>2010</b> , 6, 73-83   |      | 74  |
| 512 | Chemical composition and evaluation of the anti-hypernociceptive effect of the essential oil extracted from the leaves of <i>Ugni myricoides</i> on inflammatory and neuropathic models of pain in mice. <b>2010</b> , 76, 1411-8  |      | 28  |
| 511 | Trichostatin A, a histone deacetylase inhibitor, reduces lesion growth and hyperalgesia in experimentally induced endometriosis in mice. <b>2010</b> , 25, 1014-25   |      | 84  |
| 510 | Bilateral changes of TNF-alpha and IL-10 protein in the lumbar and cervical dorsal root ganglia following a unilateral chronic constriction injury of the sciatic nerve. <i>Journal of Neuroinflammation</i> , <b>2010</b> , 7, 11 | 10.1 | 84  |
| 509 | Endocannabinoid-mediated modulation of stress responses: physiological and pathophysiological significance. <b>2010</b> , 215, 629-46  |      | 59  |
| 508 | The direction of synaptic plasticity mediated by C-fibers in spinal dorsal horn is decided by Src-family kinases in microglia: the role of tumor necrosis factor-alpha. <b>2010</b> , 24, 874-80                                   |      | 75  |
| 507 | T lymphocytes containing $\mu$ -endorphin ameliorate mechanical hypersensitivity following nerve injury. <b>2010</b> , 24, 1045-53   |      | 61  |
| 506 | Mechanical but not painful electrical stimuli trigger TNF alpha release in human skin. <b>2010</b> , 221, 246-50   |      | 16  |
| 505 | Inflammatory consequences of cutaneous stimulation. <b>2010</b> , 222, 181-3   |      | 2   |
| 504 | The antinociceptive effect of (-)-linalool in models of chronic inflammatory and neuropathic hypersensitivity in mice. <b>2010</b> , 11, 1222-9  |      | 90  |
| 503 | Leukocytes as Mediators of Pain and Analgesia. <b>2010</b> , 237-250   |      | 0   |
| 502 | Elevated proinflammatory cytokine expression in affected skin in small fiber neuropathy. <b>2010</b> , 74, 1806-13   |      | 124 |
| 501 | Update on peripheral mechanisms of pain: beyond prostaglandins and cytokines. <b>2011</b> , 13, 210  |      | 91  |
| 500 | Resolving TRPV1- and TNF-mediated spinal cord synaptic plasticity and inflammatory pain with neuroprotectin D1. <b>2011</b> , 31, 15072-85   |      | 170 |
| 499 | Animal Models of Pain. <b>2011</b> ,   |      | 2   |
| 498 | Complex regional pain syndrome. <b>2011</b> , 16, 351-66   |      | 23  |
| 497 | Role of interleukins, IGF and stem cells in BPH. <b>2011</b> , 82, 237-43  |      | 36  |

|     |  |     |     |
|-----|--|-----|-----|
| 496 | Complex regional pain syndromes: Clinical characteristics and pathophysiological factors. <b>2011</b> , 33, 121-129  |     | 1   |
| 495 | Bilateral changes of IL-10 protein in lumbar and cervical dorsal root ganglia following proximal and distal chronic constriction injury of peripheral nerve. <i>Neuroscience Letters</i> , <b>2011</b> , 501, 86-91                  | 3-3 | 28  |
| 494 | Elevated production of inflammatory mediators including nociceptive chemokines in patients with neck pain: a cross-sectional evaluation. <b>2011</b> , 34, 498-505   |     | 13  |
| 493 | Emerging roles of resolvins in the resolution of inflammation and pain. <b>2011</b> , 34, 599-609  |     | 238 |
| 492 | Thymulin related peptide attenuates inflammation in the brain induced by intracerebroventricular endotoxin injection. <b>2011</b> , 60, 496-504  |     | 8   |
| 491 | TNF- $\alpha$ enhances the currents of voltage gated sodium channels in uninjured dorsal root ganglion neurons following motor nerve injury. <b>2011</b> , 227, 279-86   |     | 61  |
| 490 | Interleukin-17 contributes to neuroinflammation and neuropathic pain following peripheral nerve injury in mice. <b>2011</b> , 12, 370-83   |     | 136 |
| 489 | Omega 3 Fatty Acids Counteract IL-8 and Prostaglandin E2 Secretion Induced by TNF- $\alpha$ in Cultured Endometrial Stromal Cells. <b>2011</b> , 3, 34-39  |     | 3   |
| 488 | Pain Alleviation in Anti-Inflammatory and Anti-Allergic Conditions. <b>2011</b> , 10, 43-51  |     |     |
| 487 | Inflammation confers dual effects on nociceptive processing in chronic neuropathic pain model. <i>Anesthesiology</i> , <b>2011</b> , 114, 660-72   | 4-3 | 47  |
| 486 | Chronic low back pain, sleep disturbance, and interleukin-6. <b>2011</b> , 27, 35-41   |     | 56  |
| 485 | Inflammatory cytokine and chemokine expression is differentially modulated acutely in the dorsal root ganglion in response to different nerve root compressions. <b>2011</b> , 36, 197-202   |     | 9   |
| 484 | Interleukin-13 reduces hyperalgesia and the level of interleukin-1 $\beta$ in BALB/c mice infected with <i>Leishmania major</i> with an up-regulation of interleukin-6. <i>Journal of Neuroimmunology</i> , <b>2011</b> , 234, 49-54 | 3-5 | 17  |
| 483 | TNF- $\alpha$ in CRPS and 'normal' trauma--significant differences between tissue and serum. <b>2011</b> , 152, 285-290  |     | 70  |
| 482 | Tumor necrosis factor- $\alpha$ induces sensitization of meningeal nociceptors mediated via local COX and p38 MAP kinase actions. <b>2011</b> , 152, 140-149   |     | 84  |
| 481 | TNF- $\alpha$ contributes to spinal cord synaptic plasticity and inflammatory pain: distinct role of TNF receptor subtypes 1 and 2. <b>2011</b> , 152, 419-427   |     | 168 |
| 480 | Chronic neuropathic pain-like behavior correlates with IL-1 $\beta$ expression and disrupts cytokine interactions in the hippocampus. <b>2011</b> , 152, 2827-2835   |     | 90  |
| 479 | Clinical features and pathophysiology of complex regional pain syndrome. <b>2011</b> , 10, 637-48  |     | 428 |

|     |  |      |    |
|-----|--|------|----|
| 478 | Detailed characterization of neuro-immune responses following neuropathic injury in mice. <b>2011</b> , 1405, 95-108   |      | 92 |
| 477 | Osteocalcin and N-telopeptides of type I collagen marker levels in gingival crevicular fluid during different stages of orthodontic tooth movement. <b>2011</b> , 139, e553-9  |      | 12 |
| 476 | Up-regulation of dorsal root ganglia BDNF and trkB receptor in inflammatory pain: an in vivo and in vitro study. <i>Journal of Neuroinflammation</i> , <b>2011</b> , 8, 126  | 10.1 | 97 |
| 475 | Genetic evidence for an essential role of neuronally expressed IL-6 signal transducer gp130 in the induction and maintenance of experimentally induced mechanical hypersensitivity in vivo and in vitro. <i>Molecular Pain</i> , <b>2011</b> , 7, 73 | 3.4  | 30 |
| 474 | Steroids, spinal cord and pain sensation. <b>2011</b> , 7, 377-84  |      | 1  |
| 473 | Dietary therapy: a new strategy for management of chronic pelvic pain. <b>2011</b> , 24, 31-8  |      | 17 |
| 472 | Pathophysiological mechanisms of neuropathic pain. <b>2011</b> , 6, 497-509  |      | 5  |
| 471 | Long-term IL-1 $\beta$ exposure causes subpopulation-dependent alterations in rat dorsal root ganglion neuron excitability. <b>2012</b> , 107, 1586-97   |      | 34 |
| 470 | Comparison of preincisional and postincisional parecoxib administration on postoperative pain control and cytokine response after total hip replacement. <b>2012</b> , 40, 1804-11   |      | 13 |
| 469 | Analgesic effects of an ethanol extract of the fruits of <i>Xylopia aethiopica</i> (Dunal) A. Rich (Annonaceae) and the major constituent, xylopic acid in murine models. <b>2012</b> , 4, 291-301   |      | 39 |
| 468 | Multiple orbital neurofibromas, painful peripheral nerve tumors, distinctive face and marfanoid habitus: a new syndrome. <b>2012</b> , 20, 618-25  |      | 7  |
| 467 | Elucidation of pathophysiology and treatment of neuropathic pain. <b>2012</b> , 12, 304-14   |      | 81 |
| 466 | Perioperative management for patients with complex regional pain syndrome. <b>2012</b> , 2, 561-7  |      | 2  |
| 465 | Combination Drug Therapy for Pain following Chronic Spinal Cord Injury. <b>2012</b> , 2012, 840486   |      | 16 |
| 464 | Matrix metalloproteinases in neuropathic pain and migraine: friends, enemies, and therapeutic targets. <b>2012</b> , 2012, 952906  |      | 35 |
| 463 | A Surgical Opinion on Hyperalgesia/Nociception, Inflammatory/Neurogenic Pain and Anti-inflammatory Responses and Drug Interventions Revisited: Current Breakthroughs and Views. <b>2012</b> , 8, 275-286   |      |    |
| 462 | Sensory neurons, ion channels, inflammation and the onset of neuropathic pain. <b>2012</b> , 39, 416-35  |      | 48 |
| 461 | Chronic pain treatment and health service utilization of veterans with hepatitis C virus infection. <i>Pain Medicine</i> , <b>2012</b> , 13, 1407-16   | 2.8  | 9  |

|     |  |         |
|-----|--|---------|
| 460 | Interleukin-17 sensitizes joint nociceptors to mechanical stimuli and contributes to arthritic pain through neuronal interleukin-17 receptors in rodents. <b>2012</b> , 64, 4125-34  | 86      |
| 459 | [Cytokines in psychoneuroendocrine immunological context of nonspecific musculoskeletal pain]. <b>2012</b> , 26, 383-8   | 11      |
| 458 | Mechanisms of neuropathic pain. <b>2012</b> , 22, 81-91  | 123     |
| 457 | Changes in plasma cytokines and their soluble receptors in complex regional pain syndrome. <b>2012</b> , 13, 10-20   | 55      |
| 456 | The antinociceptive effect of the asthma drug ibudilast in rat models of peripheral and central neuropathic pain. <b>2012</b> , 29, 600-10   | 21      |
| 455 | Interleukin 1-beta upregulates brain-derived neurotrophic factor, neurotrophin 3 and neuropilin 2 gene expression and NGF production in annulus cells. <b>2012</b> , 87, 506-11  | 45      |
| 454 | Targeting pain mediators induced by injured nerve-derived COX2 and PGE2 to treat neuropathic pain. <b>2012</b> , 16, 527-40  | 28      |
| 453 | Hypothalamic-pituitary-adrenal axis function in patients with complex regional pain syndrome type 1. <b>2012</b> , 37, 1557-68   | 11      |
| 452 | Evaluation of lidocaine treatment on frequency of cardiac arrhythmias, acute kidney injury, and hospitalization time in dogs with gastric dilatation volvulus. <b>2012</b> , 22, 419-27  | 30      |
| 451 | Discovering cytokines as targets for chemotherapy-induced painful peripheral neuropathy. <b>2012</b> , 59, 3-9   | 135     |
| 450 | The effect of multimodal balanced anaesthesia and long term gabapentin on neuropathic pain, nitric oxide and interleukin-1 following breast surgery Peer review under responsibility of Egyptian Society of Anesthesiologists. View all notes. <b>2012</b> , 28, 67-78 | 8       |
| 449 | Pain mediators and wound healing--establishing the connection. <b>2012</b> , 38, 951-9   | 39      |
| 448 | Experimental hypoglycemia is a human model of stress-induced hyperalgesia. <b>2012</b> , 153, 2204-2209  | 24      |
| 447 | Pain processing in the human nervous system: a selective review of nociceptive and biobehavioral pathways. <b>2012</b> , 39, 561-71  | 153     |
| 446 | Anesthésie locorégionale et anesthésie locorégionale intraveineuse dans la prise en charge du syndrome douloureux régional complexe (algoneurodystrophie) chez l'adulte. <b>2012</b> , 26, 86  |         |
| 445 | Pain in experimental autoimmune encephalitis: a comparative study between different mouse models. <i>Journal of Neuroinflammation</i> , <b>2012</b> , 9, 233   | 10.1 47 |
| 444 | Genome-wide analysis of pain-, nerve- and neurotrophin -related gene expression in the degenerating human annulus. <i>Molecular Pain</i> , <b>2012</b> , 8, 63   | 3-4 40  |
| 443 | Subcutaneous administration of tramadol after elective surgery is as effective as intravenous administration in relieving acute pain and inflammation in dogs. <b>2012</b> , 2012, 564939  | 11      |

|     |  |      |     |
|-----|--|------|-----|
| 442 | Contribution of Inflammation to Chronic Pain Triggered by Nerve Injury. <b>2012,</b>   |      |     |
| 441 | Neuropathic Pain Following Nerve Injury. <b>2012,</b>  |      | 1   |
| 440 | Efficiency of low-level laser therapy in reducing pain induced by orthodontic forces. <b>2012, 30, 460-5</b>   |      | 51  |
| 439 | Low-level laser therapy alleviates neuropathic pain and promotes function recovery in rats with chronic constriction injury: possible involvements in hypoxia-inducible factor 1[HIF-1] <b>2012, 520, 2903-16</b>  |      | 70  |
| 438 | Syndrome douloureux régional complexe : diagnostic et physiopathologie. <b>2012, 28, 70-75</b>   |      | 3   |
| 437 | Endogenous mechanisms underlying the activation and sensitization of meningeal nociceptors: the role of immuno-vascular interactions and cortical spreading depression. <b>2012, 16, 270-7</b>   |      | 74  |
| 436 | Identification of cytokines and signaling proteins differentially regulated by sumatriptan/naproxen. <b>2012, 52, 80-9</b>   |      | 20  |
| 435 | Experimental pain ratings and reactivity of cortisol and soluble tumor necrosis factor- $\alpha$ receptor II following a trial of hypnosis: results of a randomized controlled pilot study. <i>Pain Medicine</i> , <b>2012, 13, 29-44</b> <sup>2,8</sup> |      | 16  |
| 434 | Discovery of new orally effective analgesic and anti-inflammatory hybrid furoxanyl N-acylhydrazone derivatives. <b>2012, 20, 2158-71</b>   |      | 46  |
| 433 | Nociceptive neuropeptide increases and periorbital allodynia in a model of traumatic brain injury. <b>2012, 52, 966-84</b>   |      | 64  |
| 432 | Management of neuropathic pain with methylprednisolone at the site of nerve injury. <i>Pain Medicine</i> , <b>2012, 13, 443-51</b>   | 2.8  | 53  |
| 431 | Chronic neuropathic pain-like behavior and brain-borne IL-1 $\beta$ <b>2012, 1262, 101-7</b>   |      | 36  |
| 430 | Intravenous neural stem cells abolish nociceptive hypersensitivity and trigger nerve regeneration in experimental neuropathy. <b>2012, 153, 850-861</b>  |      | 58  |
| 429 | Antinociceptive effect of peripheral serotonin 5-HT <sub>2B</sub> receptor activation on neuropathic pain. <b>2012, 153, 1320-1331</b>   |      | 23  |
| 428 | Neurogenic factor-induced Langerhans cell activation in diabetic mice with mechanical allodynia. <i>Journal of Neuroinflammation</i> , <b>2013, 10, 64</b>   | 10.1 | 24  |
| 427 | Interleukin-1 $\beta$ increased the expression of protease-activated receptor 4 mRNA and protein in dorsal root ganglion neurons. <b>2013, 38, 1895-903</b>  |      | 1   |
| 426 | Effects of herpes simplex virus vector-mediated enkephalin gene therapy on bladder overactivity and nociception. <b>2013, 24, 170-80</b>   |      | 16  |
| 425 | A current review of molecular mechanisms regarding osteoarthritis and pain. <b>2013, 527, 440-7</b>  |      | 270 |

|     |   |     |    |
|-----|---|-----|----|
| 424 | Ultrasound-guided perineural steroid injection to treat intractable pain due to sciatic nerve injury. <b>2013</b> , 60, 902-6   |     | 7  |
| 423 | Depressive symptoms, pain, chronic medical morbidity, and interleukin-6 among primary care patients. <i>Pain Medicine</i> , <b>2013</b> , 14, 686-91  | 2.8 | 11 |
| 422 | Cytokine modulation is necessary for efficacious treatment of experimental neuropathic pain. <b>2013</b> , 8, 202-11  |     | 89 |
| 421 | Antihyperalgesic and anti-inflammatory effects of atorvastatin in chronic constriction injury-induced neuropathic pain in rats. <b>2013</b> , 36, 1468-78                                     |     | 28 |
| 420 | Repetitive hyperbaric oxygen treatment attenuates complete Freund's adjuvant-induced pain and reduces glia-mediated neuroinflammation in the spinal cord. <b>2013</b> , 14, 747-58            |     | 42 |
| 419 | Tackling obesity in knee osteoarthritis. <b>2013</b> , 9, 225-35  |     | 95 |
| 418 | Contribution of macrophages to peripheral neuropathic pain pathogenesis. <b>2013</b> , 93, 870-81   |     | 37 |
| 417 | Pain intensity variability and its relationship with quality of life in youths with juvenile idiopathic arthritis. <b>2013</b> , 65, 563-70   |     | 33 |
| 416 | Systemic administration of human adipose-derived stem cells reverts nociceptive hypersensitivity in an experimental model of neuropathy. <b>2013</b> , 22, 1252-63                            |     | 51 |
| 415 | Antinociceptive effect of <i>Phyllanthus fraternus</i> extract in complete Freund's adjuvant induced chronic pain in mice. <b>2013</b> , 3, 235-240   |     | 8  |
| 414 | The endogenous cytokine profile and nerve fibre density in mouse ear <i>Leishmania major</i> -induced lesions related to nociceptive thresholds. <b>2013</b> , 133, 193-200                   |     | 8  |
| 413 | Participation of the central p38 and ERK1/2 pathways in IL-1 $\beta$ -induced sensitization of nociception in rats. <b>2013</b> , 46, 98-104  |     | 9  |
| 412 | Selectively reducing cytokine/chemokine expressing macrophages in injured nerves impairs the development of neuropathic pain. <b>2013</b> , 240, 205-18                                       |     | 36 |
| 411 | Neuropathic pain, depressive symptoms, and C-reactive protein in sciatica patients. <b>2013</b> , 123, 204-8  |     | 27 |
| 410 | Relations of C-reactive protein and obesity to the prevalence and the odds of reporting low back pain. <b>2013</b> , 94, 745-52   |     | 48 |
| 409 | Pre- and intraoperative lidocaine injection for preemptive analgesics in laparoscopic gastrectomy: a prospective, randomized, double-blind, placebo-controlled study. <b>2013</b> , 23, 663-8 |     | 24 |
| 408 | Resolvin E1 inhibits neuropathic pain and spinal cord microglial activation following peripheral nerve injury. <b>2013</b> , 8, 37-41   |     | 83 |
| 407 | Functional somatic symptoms in childhood and adolescence. <b>2013</b> , 26, 485-92  |     | 30 |



|     |  |     |    |
|-----|--|-----|----|
| 406 | Stress, distress, and bodytalk: co-constructing formulations with patients who present with somatic symptoms. <b>2013</b> , 21, 314-33   |     | 26 |
| 405 | Leptin receptor is induced in endometriosis and leptin stimulates the growth of endometriotic epithelial cells through the JAK2/STAT3 and ERK pathways. <b>2013</b> , 19, 160-8          |     | 33 |
| 404 | Physical exercise, body mass index and risk of chronic arm pain: longitudinal data on an adult population in Norway. <i>European Journal of Pain</i> , <b>2013</b> , 17, 1252-8          | 3.7 | 12 |
| 403 | [Interleukin-1: from regulation of cell proliferation to chronic inflammatory diseases]. <b>2013</b> , 133, 645-60   |     | 1  |
| 402 | Cytokine expression in the epidural space: a model of noncompressive disc herniation-induced inflammation. <b>2013</b> , 38, 17-23   |     | 45 |
| 401 | A multicenter, randomized, controlled study evaluating preventive etanercept on postoperative pain after inguinal hernia repair. <b>2013</b> , 116, 455-62                               |     | 21 |
| 400 | microRNAs in nociceptive circuits as predictors of future clinical applications. <b>2013</b> , 6, 33   |     | 55 |
| 399 | Pain and Sleep. <b>2013</b> , 417-421  |     |    |
| 398 | Genes associated with disc degeneration identified using microarray gene expression profiling and bioinformatics analysis. <b>2013</b> , 12, 1431-9                                      |     | 5  |
| 397 | Neuropathic pain following spinal cord injury. 145-155   |     | 2  |
| 396 | Testosterone-induced effects on lipids and inflammation. <i>Mediators of Inflammation</i> , <b>2013</b> , 2013, 183041-3   | 4.3 | 32 |
| 395 | Peripheral interleukin-1 $\beta$ levels are elevated in chronic tension-type headache patients. <b>2013</b> , 18, 301-6  |     | 22 |
| 394 | The TFOS International Workshop on Contact Lens Discomfort: report of the subcommittee on neurobiology. <b>2013</b> , 54, TFOS71-97  |     | 61 |
| 393 | Involvement of endoplasmic reticulum stress response in orofacial inflammatory pain. <b>2014</b> , 23, 372-80  |     | 24 |
| 392 | Role of vitamin D3 in treatment of lumbar disc herniation--pain and sensory aspects: study protocol for a randomized controlled trial. <b>2014</b> , 15, 373                             |     | 11 |
| 391 | The role of the dorsal root ganglion in the development of neuropathic pain. <i>Pain Medicine</i> , <b>2014</b> , 15, 1669-85  | 2.8 | 90 |
| 390 | COMP does not directly modify the expression of genes involved in cartilage homeostasis in contrast to several other cartilage matrix proteins. <b>2014</b> , 55, 348-56                 |     | 6  |
| 389 | Combination of bladder ultrasonography and novel cystometry method in mice reveals rapid decrease in bladder capacity and compliance in LPS-induced cystitis. <b>2014</b> , 307, F234-41 |     | 16 |

|     |  |     |      |
|-----|--|-----|------|
| 388 | From stress to inflammation and major depressive disorder: a social signal transduction theory of depression. <b>2014</b> , 140, 774-815   |     | 1015 |
| 387 | Adult stem cell as new advanced therapy for experimental neuropathic pain treatment. <b>2014</b> , 2014, 470983  |     | 31   |
| 386 | Comprehensive analysis of neurobehavior associated with histomorphological alterations in a chronic constrictive nerve injury model through use of the CatWalk XT system. <b>2014</b> , 120, 250-62  |     | 34   |
| 385 | TRAF6 upregulation in spinal astrocytes maintains neuropathic pain by integrating TNF- $\alpha$ and IL-1 $\beta$ signaling. <b>2014</b> , 155, 2618-2629   |     | 90   |
| 384 | Pine oil effects on chemical and thermal injury in mice and cultured mouse dorsal root ganglion neurons. <b>2014</b> , 28, 252-60  |     | 7    |
| 383 | Elevated concentrations of circulating cytokines and correlations with nerve conduction velocity in human peripheral nerves. <i>Journal of Neuroimmunology</i> , <b>2014</b> , 277, 134-9            | 3-5 | 1    |
| 382 | Variability in C-type lectin receptors regulates neuropathic pain-like behavior after peripheral nerve injury. <i>Molecular Pain</i> , <b>2014</b> , 10, 78  | 3-4 | 5    |
| 381 | Nociceptive neurons detect cytokines in arthritis. <b>2014</b> , 16, 470   |     | 157  |
| 380 | Sleep problems, exercise and obesity and risk of chronic musculoskeletal pain: the Norwegian HUNT study. <b>2014</b> , 24, 924-9   |     | 55   |
| 379 | IL-1 blockade for the topical treatment of ocular surface inflammatory disorders and the discovery of EBI-005, a novel IL-1 receptor inhibitor. <b>2014</b> , 9, 71-79                               |     | 3    |
| 378 | Melatonin analgesia is associated with improvement of the descending endogenous pain-modulating system in fibromyalgia: a phase II, randomized, double-dummy, controlled trial. <b>2014</b> , 15, 40 |     | 66   |
| 377 | Etifoxine analgesia in experimental monoarthritis: a combined action that protects spinal inhibition and limits central inflammatory processes. <b>2014</b> , 155, 403-412                           |     | 17   |
| 376 | Potential role of allopregnanolone for a safe and effective therapy of neuropathic pain. <b>2014</b> , 113, 70-8   |     | 56   |
| 375 | Kinetic characteristics of euflammation: the induction of controlled inflammation without overt sickness behavior. <b>2014</b> , 42, 96-108  |     | 13   |
| 374 | Diabetic autonomic neuropathy. <b>2014</b> , 126, 63-79  |     | 66   |
| 373 | Pyrano-isochromanones as IL-6 inhibitors: synthesis, in vitro and in vivo antiarthritic activity. <b>2014</b> , 57, 7085-97  |     | 21   |
| 372 | Effects of 660- and 980-nm low-level laser therapy on neuropathic pain relief following chronic constriction injury in rat sciatic nerve. <b>2014</b> , 29, 1593-8                                   |     | 43   |
| 371 | Chemical composition and antinociceptive effect of aqueous extract from <i>Rourea induta</i> Planch. leaves in acute and chronic pain models. <b>2014</b> , 153, 801-9                               |     | 10   |

|     |  |     |     |
|-----|--|-----|-----|
| 370 | Effects of curcumin on pain threshold and on the expression of nuclear factor $\kappa$ B and CX3C receptor 1 after sciatic nerve chronic constrictive injury in rats. <b>2014</b> , 20, 850-6      |     | 17  |
| 369 | A neuroinflammatory model for acute fatigue during exercise. <b>2014</b> , 44, 1479-87   |     | 29  |
| 368 | The effects of locally injected triamcinolone on entrapment neuropathy in a rat chronic constriction injury model. <b>2014</b> , 39, 1714-21   |     | 4   |
| 367 | Activation of spinal phosphatidylinositol 3-kinase/protein kinase B mediates pain behavior induced by plantar incision in mice. <b>2014</b> , 255, 71-82   |     | 35  |
| 366 | The pivotal role played by lipocalin-2 in chronic inflammatory pain. <b>2014</b> , 254, 41-53  |     | 31  |
| 365 | Chronic musculoskeletal pain: review of mechanisms and biochemical biomarkers as assessed by the microdialysis technique. <b>2014</b> , 7, 313-26  |     | 56  |
| 364 | Sex hormones in the modulation of irritable bowel syndrome. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 2433-48   | 5.6 | 135 |
| 363 | Anatomy, Physiology, and Pathophysiology of Pain. <b>2014</b> , 9-27   |     | 0   |
| 362 | Current gene therapy using viral vectors for chronic pain. <i>Molecular Pain</i> , <b>2015</b> , 11, 27  | 3.4 | 45  |
| 361 | Increased excitability of medium-sized dorsal root ganglion neurons by prolonged interleukin-1 $\beta$ exposure is K(+) channel dependent and reversible. <b>2015</b> , 593, 3739-55               |     | 36  |
| 360 | Electrical Intramuscular Stimulation in Osteoarthritis Enhances the Inhibitory Systems in Pain Processing at Cortical and Cortical Spinal System. <i>Pain Medicine</i> , <b>2016</b> , 17, 877-891 | 2.8 | 15  |
| 359 | Assessing pain objectively: the use of physiological markers. <b>2015</b> , 70, 828-47   |     | 111 |
| 358 | Biomarkers of inflammation in major vascular surgery: a prospective randomised trial. <b>2015</b> , 59, 773-87   |     | 15  |
| 357 | Biological Roles of Resolvins and Related Substances in the Resolution of Pain. <b>2015</b> , 2015, 830930   |     | 28  |
| 356 | Effect of Three Interventions on Contact Lens Comfort in Symptomatic Wearers: A Randomized Clinical Trial. <b>2015</b> , 10, e0135323  |     | 19  |
| 355 | Modulation of Dendritic Cell Activation and Subsequent Th1 Cell Polarization by Lidocaine. <b>2015</b> , 10, e0139845  |     | 22  |
| 354 | Addressing the Global Burden of Trauma in Major Surgery. <b>2015</b> , 2, 43   |     | 47  |
| 353 | Upregulation of EMMPRIN (OX47) in Rat Dorsal Root Ganglion Contributes to the Development of Mechanical Allodynia after Nerve Injury. <b>2015</b> , 2015, 249756                                   |     | 3   |

|     |   |     |    |
|-----|---|-----|----|
| 352 | Treatment of Cancer Pain by Targeting Cytokines. <i>Mediators of Inflammation</i> , <b>2015</b> , 2015, 984570  | 4-3 | 26 |
| 351 | Dexmedetomidine Analgesia Effects in Patients Undergoing Dental Implant Surgery and Its Impact on Postoperative Inflammatory and Oxidative Stress. <b>2015</b> , 2015, 186736                             |     | 26 |
| 350 | Modulation of Voltage-Gated Sodium Channels by Activation of Tumor Necrosis Factor Receptor-1 and Receptor-2 in Small DRG Neurons of Rats. <i>Mediators of Inflammation</i> , <b>2015</b> , 2015, 124942  | 4-3 | 29 |
| 349 | Prokineticin 2 upregulation in the peripheral nervous system has a major role in triggering and maintaining neuropathic pain in the chronic constriction injury model. <b>2015</b> , 2015, 301292         |     | 21 |
| 348 | Intranasal Dexmedetomidine on Stress Hormones, Inflammatory Markers, and Postoperative Analgesia after Functional Endoscopic Sinus Surgery. <i>Mediators of Inflammation</i> , <b>2015</b> , 2015, 939431 | 4-3 | 31 |
| 347 | Pain Evaluation Between Stainless Steel and Nickel Titanium Arches in Orthodontic Treatment [A Comparative Study. <b>2015</b> ,   |     | 1  |
| 346 | Modulation of cytokine levels in ameliorative effects of pulsed magnetic field on an experimental model of Chronic Constriction Injury. <b>2015</b> , 91, 596-602   |     | 5  |
| 345 | Asymmetry in CT Scan Measures of Thigh Muscle 2 Months After Hip Fracture: The Baltimore Hip Studies. <b>2015</b> , 70, 1276-80   |     | 4  |
| 344 | The dynamics of the pain system is intact in patients with knee osteoarthritis: An exploratory experimental study. <b>2015</b> , 6, 43-49   |     | 6  |
| 343 | Compounds from <i>Geijera parviflora</i> with prostaglandin E2 inhibitory activity may explain its traditional use for pain relief. <b>2015</b> , 163, 251-5  |     | 8  |
| 342 | Estrogen alters baseline and inflammatory-induced cytokine levels independent from hypothalamic-pituitary-adrenal axis activity. <b>2015</b> , 72, 121-9  |     | 53 |
| 341 | Obesity, metabolic abnormality, and knee osteoarthritis: a cross-sectional study in Korean women. <b>2015</b> , 25, 292-7   |     | 16 |
| 340 | Pain and Sleep. <b>2015</b> , 377-397   |     | 2  |
| 339 | Perineural steroids for trauma and compression-related peripheral neuropathic pain: a systematic review and meta-analysis. <b>2015</b> , 62, 650-62   |     | 18 |
| 338 | Stromal cell-derived CCL2 drives neuropathic pain states through myeloid cell infiltration in injured nerve. <b>2015</b> , 45, 198-210  |     | 33 |
| 337 | The time-course and RNA interference of TNF- $\alpha$ , IL-6, and IL-1 $\beta$ expression on neuropathic pain induced by L5 spinal nerve transection in rats. <b>2015</b> , 68, 159-69                    |     | 15 |
| 336 | The association between psychosis and severe pain in community-dwelling adults: Findings from 44 low- and middle-income countries. <b>2015</b> , 69, 19-26  |     | 21 |
| 335 | Dietary fish oil inhibits mechanical allodynia and thermal hyperalgesia in diabetic rats by blocking nuclear factor- $\kappa$ B-mediated inflammatory pathways. <b>2015</b> , 26, 1147-55                 |     | 15 |

|     |   |     |     |
|-----|---|-----|-----|
| 334 | Lipoxin A4 attenuates radicular pain possibly by inhibiting spinal ERK, JNK and NF- $\kappa$ B/p65 and cytokine signals, but not p38, in a rat model of non-compressive lumbar disc herniation. <b>2015</b> , 300, 10-8 |     | 37  |
| 333 | Asymmetry in CT Scan Measures of Thigh Muscle 2 Months After Hip Fracture: The Baltimore Hip Studies. <b>2015</b> , 70, 753-6   |     | 3   |
| 332 | Identification of novel mechanisms involved in generating localized vulvodinia pain. <b>2015</b> , 213, 38.e1-38.e12  |     | 39  |
| 331 | Docosahexaenoic acid inhibits mechanical allodynia and thermal hyperalgesia in diabetic rats by decreasing the excitability of DRG neurons. <b>2015</b> , 271, 291-300  |     | 16  |
| 330 | Estradiol is a critical mediator of macrophage-nerve cross talk in peritoneal endometriosis. <b>2015</b> , 185, 2286-97   |     | 79  |
| 329 | In silico identification of novel IL-1 $\beta$ inhibitors to target protein-protein interfaces. <b>2015</b> , 58, 158-66  |     | 8   |
| 328 | Tumor necrosis factor-alpha is a potential diagnostic biomarker for chronic neuropathic pain after spinal cord injury. <i>Neuroscience Letters</i> , <b>2015</b> , 595, 30-4  | 3-3 | 22  |
| 327 | Electroacupuncture analgesia is associated with increased serum brain-derived neurotrophic factor in chronic tension-type headache: a randomized, sham controlled, crossover trial. <b>2015</b> , 15, 144               |     | 26  |
| 326 | Emerging concepts of pain therapy based on neuronal mechanisms. <b>2015</b> , 227, 1-14   |     | 11  |
| 325 | The role of glia in the spinal cord in neuropathic and inflammatory pain. <b>2015</b> , 227, 145-70   |     | 118 |
| 324 | Pain Control. <b>2015</b> ,   |     | 6   |
| 323 | Peripheral neuropathy associated with ipilimumab: a report of 2 cases. <b>2015</b> , 38, 77-9   |     | 47  |
| 322 | Endometriosis pain and acupuncture. <b>2015</b> , 3, 19-23  |     | 2   |
| 321 | TNF- $\beta$ induced p38MAPK activation regulates TRPA1 and TRPV4 activity in odontoblast-like cells. <b>2015</b> , 185, 2994-3002  |     | 41  |
| 320 | Age differences in cytokine expression under conditions of health using experimental pain models. <i>Experimental Gerontology</i> , <b>2015</b> , 72, 150-6   | 4-5 | 18  |
| 319 | A multimodal disease modifying approach to treat neuropathic pain--inhibition of soluble epoxide hydrolase (sEH). <b>2015</b> , 20, 1382-90   |     | 18  |
| 318 | Epigallocatechin-3-gallate attenuates bone cancer pain involving decreasing spinal Tumor Necrosis Factor- $\beta$ expression in a mouse model. <i>International Immunopharmacology</i> , <b>2015</b> , 29, 818-823      | 5-8 | 15  |
| 317 | The expression of Toll-like receptor 4, 7 and co-receptors in neurochemical sub-populations of rat trigeminal ganglion sensory neurons. <b>2015</b> , 310, 686-98   |     | 22  |

- 316 Depletion of Foxp3+ regulatory T cells increases severity of mechanical allodynia and significantly alters systemic cytokine levels following peripheral nerve injury. **2015**, 71, 207-14 31
- 315 Circadian characteristics of permissive and suppressive effects of cortisol and their role in homeostasis and the acute inflammatory response. **2015**, 260, 54-64 32
- 314 Mildly Increased Mechanical Nociceptive Sensitivity in REV-ERB $\beta$  Knock-out Mice. **2016**, 25, 342-346 1
- 313 The Efficacy of Oral Nutritional Intervention in Malnourished Cancer Patients: a Systemic Review. **2016**, 5, 219-236 13
- 312 Interactions of Opioids and HIV Infection in the Pathogenesis of Chronic Pain. **2016**, 7, 103 26
- 311 Analgesic Potential of Essential Oils. **2015**, 21, E20 38
- 310 The Suppressive Effects of Cinnamomi Cortex and Its Phytochemical Coumarin on Oxaliplatin-Induced Neuropathic Cold Allodynia in Rats. **2016**, 21, 25
- 309 In vivo luminescent imaging of NF- $\kappa$ B activity and NF- $\kappa$ B-related serum cytokine levels predict pain sensitivities in a rodent model of peripheral neuropathy. *European Journal of Pain*, **2016**, 20, 365-76 3-7 3
- 308 Injection of Dental Pulp Stem Cells Promotes Healing of Damaged Bladder Tissue in a Rat Model of Chemically Induced Cystitis. **2016**, 25, 425-36 15
- 307 Targeted overexpression of tumor necrosis factor- $\alpha$  increases cyclin-dependent kinase 5 activity and TRPV1-dependent Ca<sup>2+</sup> influx in trigeminal neurons. **2016**, 157, 1346-1362 28
- 306 Corneal Sensitivity and Inflammatory Biomarkers in Contact Lens Discomfort. **2016**, 93, 892-900 21
- 305 Long-Lasting Activation of the Transcription Factor CREB in Sensory Neurons by Interleukin-1 $\beta$  During Antigen-Induced Arthritis in Rats: A Mechanism of Persistent Arthritis Pain?. **2016**, 68, 532-41 13
- 304 Enteral Docosahexaenoic Acid Reduces Analgesic Administration in Neonates Undergoing Cardiovascular Surgery. **2016**, 69, 150-160 2
- 303 Study protocol for a pilot, randomised, double-blinded, placebo controlled trial of perineural local anaesthetics and steroids for chronic post-traumatic neuropathic pain in the ankle and foot: the PREPLANS study. **2016**, 6, e012293 2
- 302 Targeting inflammation as a treatment modality for neuropathic pain in spinal cord injury: a randomized clinical trial. *Journal of Neuroinflammation*, **2016**, 13, 152 10.1 32
- 301 Diffuse traumatic brain injury induces prolonged immune dysregulation and potentiates hyperalgesia following a peripheral immune challenge. *Molecular Pain*, **2016**, 12, 3-4 22
- 300 IL1A rs1800587 associates with chronic noncrisis pain in sickle cell disease. **2016**, 17, 1999-2006 6
- 299 Opioid Safety: We Are Not There Yet. **2016**, 6, 314-318

|     |  |         |
|-----|--|---------|
| 298 | Neurotrophin attenuates local inflammatory response and inhibits demyelination induced by chronic constriction injury of the mouse sciatic nerve. <b>2016</b> , 44, 206-211  | 11      |
| 297 | Adrenomedullin mediates tumor necrosis factor- $\beta$ -induced responses in dorsal root ganglia in rats. <b>2016</b> , 1644, 183-91   | 12      |
| 296 | Treatment with Adenosine Receptor Agonist Ameliorates Pain Induced by Acute and Chronic Inflammation. <b>2016</b> , 358, 315-23  | 16      |
| 295 | Effects of Dexamethasone and Placebo on Symptom Clusters in Advanced Cancer Patients: A Preliminary Report. <b>2016</b> , 21, 384-90   | 17      |
| 294 | Effects of L-Carnitine Supplementation on Serum Inflammatory Factors and Matrix Metalloproteinase Enzymes in Females with Knee Osteoarthritis: A Randomized, Double-Blind, Placebo-Controlled Pilot Study. <b>2016</b> , 35, 597-603 | 23      |
| 293 | Pain in an era of armed conflicts: Prevention and treatment for warfighters and civilian casualties. <b>2016</b> , 141, 25-44  | 12      |
| 292 | Morin Mitigates Chronic Constriction Injury (CCI)-Induced Peripheral Neuropathy by Inhibiting Oxidative Stress Induced PARP Over-Activation and Neuroinflammation. <b>2016</b> , 41, 2029-42   | 33      |
| 291 | Osteoarthritis: Pathology, Mouse Models, and Nanoparticle Injectable Systems for Targeted Treatment. <b>2016</b> , 44, 2062-75   | 14      |
| 290 | Genetic predictors of human chronic pain conditions. <b>2016</b> , 338, 36-62  | 97      |
| 289 | The Role of Resilience in the Clinical Management of Chronic Pain. <b>2016</b> , 20, 39  | 48      |
| 288 | Antinociceptive and anti-inflammatory activities of standardized extract of polymethoxyflavones from <i>Ageratum conyzoides</i> . <b>2016</b> , 194, 369-377   | 16      |
| 287 | <i>Rubus occidentalis</i> analgesic effect in a rat model of incisional pain. <b>2016</b> , 206, 223-230   | 4       |
| 286 | miR-124a and miR-155 enhance differentiation of regulatory T cells in patients with neuropathic pain. <i>Journal of Neuroinflammation</i> , <b>2016</b> , 13, 248  | 10.1 45 |
| 285 | A Role for Bradykinin Signaling in Chronic Vulvar Pain. <b>2016</b> , 17, 1183-1197  | 10      |
| 284 | Involvement of CCL3/CCR5 Signaling in Dorsal Root Ganglion in Remifentanyl-induced Hyperalgesia in Rats. <b>2016</b> , 32, 702-10  | 10      |
| 283 | Resident Macrophages in Muscle Contribute to Development of Hyperalgesia in a Mouse Model of Noninflammatory Muscle Pain. <b>2016</b> , 17, 1081-1094  | 26      |
| 282 | <i>Rubus occidentalis</i> alleviates hyperalgesia induced by repeated intramuscular injection of acidic saline in rats. <b>2016</b> , 16, 202  | 2       |
| 281 | Childhood Exposure to Violence and Chronic Physical Conditions in a National Sample of US Adolescents. <b>2016</b> , 78, 1072-1083   | 34      |

|     |   |     |
|-----|---|-----|
| 280 | Implantation of juvenile human chondrocytes demonstrates no adverse effect on spinal nerve tissue in rats. <b>2016</b> , 25, 2958-66  | 2   |
| 279 | Chemotherapy-Induced Neurotoxicity: Evidence of a Protective Role of CC Homozygosis in the Interleukin-1 $\beta$ Gene-511 C>T Polymorphism. <b>2016</b> , 30, 521-9                           | 5   |
| 278 | Evaluation of the innate immune response of Angus heifers with genetic marker variation for intramuscular fat deposition following a lipopolysaccharide challenge. <b>2016</b> , 188, 103-110 | 1   |
| 277 | The nitroxyl donor, Angeli's salt, reduces chronic constriction injury-induced neuropathic pain. <b>2016</b> , 256, 1-8   | 23  |
| 276 | Human annulus signaling cues for nerve outgrowth: In vitro studies. <b>2016</b> , 34, 1456-65   | 5   |
| 275 | Neurocutaneous disease: Cutaneous neuroanatomy and mechanisms of itch and pain. <b>2016</b> , 74, 197-212   | 21  |
| 274 | Progress of clinical practice on the management of burn-associated pain: Lessons from animal models. <b>2016</b> , 42, 1161-72  | 20  |
| 273 | Nutritional Risk is Associated with Chronic Musculoskeletal Pain in Community-dwelling Older Persons: The PAINEL Study. <b>2016</b> , 35, 43-51   | 13  |
| 272 | PARP inhibition attenuates neuroinflammation and oxidative stress in chronic constriction injury induced peripheral neuropathy. <b>2016</b> , 150, 50-60                                      | 31  |
| 271 | Intrathecal CGS-26303 Pretreatment Attenuates Spinal Nerve Ligation-Induced Neuropathic Pain in the Spinal Cord. <b>2016</b> , 91, 532-541.e1   | 2   |
| 270 | A cohort study comparing the serum levels of pro- or anti-inflammatory cytokines in patients with lumbar radicular pain and healthy subjects. <b>2016</b> , 25, 1428-1434                     | 43  |
| 269 | Steroid atrophy scarring treated with fat grafting in a patient with complex regional pain syndrome: A case report. <b>2016</b> , 18, 165-9   | 3   |
| 268 | Strategies for the prevention of knee osteoarthritis. <b>2016</b> , 12, 92-101  | 182 |
| 267 | Serum levels of pentraxin-3 and other inflammatory biomarkers in migraine: Association with migraine characteristics. <b>2016</b> , 36, 518-25  | 20  |
| 266 | Ocular neuropathic pain. <b>2016</b> , 100, 128-34  | 103 |
| 265 | Pulsed magnetic field enhances therapeutic efficiency of mesenchymal stem cells in chronic neuropathic pain model. <b>2017</b> , 38, 255-264  | 16  |
| 264 | Defective axonal transport: A common pathological mechanism in inherited and acquired peripheral neuropathies. <b>2017</b> , 105, 300-320   | 64  |
| 263 | Involvement of peripheral P2Y1 receptors and potential interaction with IL-1 $\beta$ receptors in IL-1 $\beta$ -induced thermal hypersensitivity in rats. <b>2017</b> , 130, 165-172          | 4   |



|     |  |       |
|-----|--|-------|
| 262 | Molecular Temporomandibular Joint Pain Biomarkers. <b>2017</b> , 95-105  |       |
| 261 | Pain Intensity and Pain Interference in Older Adults: Role of Gender, Obesity and High-Sensitivity C-Reactive Protein. <b>2017</b> , 63, 3-12  | 20    |
| 260 | Systemic lidocaine fails to improve postoperative morphine consumption, postoperative recovery and quality of life in patients undergoing posterior spinal arthrodesis. A double-blind, randomized, placebo-controlled trial. <b>2017</b> , 118, 576-585 | 37    |
| 259 | Interleukin-1 $\beta$ s emerging therapeutic target in hematological malignancies and potentially in their complications. <b>2017</b> , 31, 306-317  | 46    |
| 258 | Urotensin II inhibitor eases neuropathic pain by suppressing the JNK/NF- $\kappa$ B pathway. <b>2017</b> , 232, 165-174  | 15    |
| 257 | Alternative treatment strategies for neuropathic pain: Role of Indian medicinal plants and compounds of plant origin-A review. <b>2017</b> , 92, 634-650   | 13    |
| 256 | Pulsed magnetic field treatment as antineuropathic pain therapy. <b>2017</b> , 28, 751-758   | 5     |
| 255 | Orofacial Pain Biomarkers. <b>2017</b> ,   | 4     |
| 254 | Physical activity behavior predicts endogenous pain modulation in older adults. <b>2017</b> , 158, 383-390   | 71    |
| 253 | Chemokines in neuron-glia cell interaction and pathogenesis of neuropathic pain. <b>2017</b> , 74, 3275-3291   | 134   |
| 252 | Inflammatory 'double hit' model of temporomandibular joint disorder with elevated CCL2, CXCL9, CXCL10, RANTES and behavioural hypersensitivity in TNFR1/R2-/- mice. <i>European Journal of Pain</i> , <b>2017</b> , 21, 1209-1223                        | 3.7 9 |
| 251 | Cardamonin attenuates hyperalgesia and allodynia in a mouse model of chronic constriction injury-induced neuropathic pain: Possible involvement of the opioid system. <b>2017</b> , 796, 32-38   | 14    |
| 250 | Postoperative Sleep Disturbances: Understanding and Emerging Therapies. <b>2017</b> , 35, 1-24   | 10    |
| 249 | Therapeutic effect of human adipose-derived stem cells and their secretome in experimental diabetic pain. <b>2017</b> , 7, 9904  | 63    |
| 248 | Proinflammatory Cytokines IL-1 $\beta$ and TNF- $\alpha$ Influence Human Annulus Cell Signaling Cues for Neurite Growth: In Vitro Coculture Studies. <b>2017</b> , 42, 1529-1537   | 5     |
| 247 | Effects of a Lidocaine-Loaded Poloxamer/Alginate/CaCl <sub>2</sub> Mixture on Postoperative Pain and Adhesion in a Rat Model of Incisional Pain. <b>2017</b> , 125, 320-327  | 9     |
| 246 | Effect of perioperative intravenous lidocaine infusion on postoperative recovery following laparoscopic Cholecystectomy-A randomized controlled trial. <b>2017</b> , 45, 8-13  | 26    |
| 245 | Building Elements of the Adaptive and Pathological Pain Neural Networks. <b>2017</b> , 417-445   |       |

|     |  |        |
|-----|--|--------|
| 244 | Can positive affect attenuate (persistent) pain? State of the art and clinical implications. <b>2017</b> , 19, 80  | 20     |
| 243 | Pharmacokinetics, pharmacodynamics and safety profiling of IS01957, a preclinical candidate possessing dual activity against inflammation and nociception. <b>2017</b> , 91, 216-225       | 13     |
| 242 | Complex regional pain syndrome: diagnosis and treatment. <b>2017</b> , 17, 262-268   | 13     |
| 241 | Women report higher pain intensity at a lower level of inflammation after knee surgery compared with men. <b>2017</b> , 2, e595  | 11     |
| 240 | Silencing of FKBP51 alleviates the mechanical pain threshold, inhibits DRG inflammatory factors and pain mediators through the NF-kappaB signaling pathway. <b>2017</b> , 627, 169-175     | 20     |
| 239 | Interleukin 6 (IL-6) and IL-10 Promoter Region Polymorphisms Are Associated with Risk of Lumbar Disc Herniation in a Northern Chinese Han Population. <b>2017</b> , 21, 17-23              | 9      |
| 238 | A sociocultural neuroscience approach to pain. <b>2017</b> , 5, 14-35  | 14     |
| 237 | Microvesicles shed from microglia activated by the P2X7-p38 pathway are involved in neuropathic pain induced by spinal nerve ligation in rats. <b>2017</b> , 13, 13-26                     | 28     |
| 236 | NOX4 is an early initiator of neuropathic pain. <b>2017</b> , 288, 94-103  | 23     |
| 235 | The Physics of the Mind and Brain Disorders. <b>2017</b> ,   | 8      |
| 234 | PI3K/Akt Pathway: A Potential Therapeutic Target for Chronic Pain. <b>2017</b> , 23, 1860-1868   | 46     |
| 233 | Mechanisms of Osteoarthritic Pain. Studies in Humans and Experimental Models. <b>2017</b> , 10, 349  | 94     |
| 232 | The Therapeutic Potential of Monocyte/Macrophage Manipulation in the Treatment of Chemotherapy-Induced Painful Neuropathy. <b>2017</b> , 10, 397   | 27     |
| 231 | Intrathecal Resiniferatoxin Modulates TRPV1 in DRG Neurons and Reduces TNF-Induced Pain-Related Behavior. <i>Mediators of Inflammation</i> , <b>2017</b> , 2017, 2786427                   | 4-3 15 |
| 230 | Effects of transcutaneous electrical nerve stimulation (TENS) on proinflammatory cytokines: protocol for systematic review. <b>2017</b> , 6, 139   | 9      |
| 229 | Lidocaine Infusion: A Promising Therapeutic Approach for Chronic Pain. <b>2017</b> , 8,  | 44     |
| 228 | Antiallodynic and antihyperalgesic activities of zerumbone via the suppression of IL-1 $\beta$ , IL-6, and TNF- $\alpha$ in a mouse model of neuropathic pain. <b>2017</b> , 10, 2605-2619 | 25     |
| 227 | THE 2 $\beta$ ,6 $\beta$ ,13-TETRAHYDRO-OLEAN-12-EN-28-OIC ACID FROM THE LEAVES OF CHRYSOBALANUS ICACO L. ATTENUATES THE INFLAMMATORY HYPERNOCICEPTION IN MICE. <b>2017</b> , 9, 94        | 1      |

|     |  |     |    |
|-----|--|-----|----|
| 226 | Anti-hyperalgesic effects of two sphingosine derivatives in different acute and chronic models of hyperalgesia in mice. <b>2018</b> , 70, 753-759  |     | 1  |
| 225 | Picroside II Attenuates CCI-Induced Neuropathic Pain in Rats by Inhibiting Spinal Reactive Astrocyte-Mediated Neuroinflammation Through the NF- $\kappa$ B Pathway. <b>2018</b> , 43, 1058-1066                |     | 14 |
| 224 | Pain-Relieving Effectiveness of Co-Treatment with Local Tramadol and Systemic Minocycline in Carrageenan-Induced Inflammatory Pain Model. <b>2018</b> , 41, 1238-1249  |     | 4  |
| 223 | Early CALP2 expression and microglial activation are potential inducers of spinal IL-6 up-regulation and bilateral pain following motor nerve injury. <b>2018</b> , 145, 154-169                               |     | 11 |
| 222 | Inducible nitric oxide synthase inhibition by 1400W limits pain hypersensitivity in a neuropathic pain rat model. <b>2018</b> , 103, 535-544   |     | 16 |
| 221 | A technique to assess perineuronal mediators. <b>2017</b> , 1-3  |     | 1  |
| 220 | Higher Cortical Facilitation and Serum BDNF Are Associated with Increased Sensitivity to Heat Pain and Reduced Endogenous Pain Inhibition in Healthy Males. <i>Pain Medicine</i> , <b>2018</b> , 19, 1578-1586 | 2.8 | 5  |
| 219 | Neural Mobilization Attenuates Mechanical Allodynia and Decreases Proinflammatory Cytokine Concentrations in Rats With Painful Diabetic Neuropathy. <b>2018</b> , 98, 214-222                                  |     | 12 |
| 218 | Interleukin-6 trans-signaling and pathological low back pain in patients with Paget disease of bone. <b>2018</b> , 159, 1664-1673  |     | 3  |
| 217 | Consonic rats parental strains differ in sensory perception, pain developed following nerve injury and in IL-1 beta and IL-6 levels. <b>2018</b> , 25, 137-141   |     |    |
| 216 | Activation of 5-HT (but not 5-HT) receptors in the amygdala enhances fear-induced antinociception: Blockade with local 5-HT antagonist or systemic fluoxetine. <b>2018</b> , 135, 376-385                      |     | 8  |
| 215 | Glucantime reduces mechanical hyperalgesia in cutaneous leishmaniasis and complete Freund's adjuvant models of chronic inflammatory pain. <b>2018</b> , 70, 768-777  |     | 4  |
| 214 | TNF- $\alpha$ and sTNF-RII Are Associated with Pain Following Hip Fracture Surgery in Older Adults. <i>Pain Medicine</i> , <b>2018</b> , 19, 169-177   | 2.8 | 7  |
| 213 | MiR-150 alleviates neuropathic pain via inhibiting toll-like receptor 5. <b>2018</b> , 119, 1017-1026  |     | 41 |
| 212 | Circadian control of pain and neuroinflammation. <b>2018</b> , 96, 1002-1020   |     | 38 |
| 211 | Inhibition of miR-200b/miR-429 contributes to neuropathic pain development through targeting zinc finger E box binding protein-1. <b>2018</b> , 233, 4815-4824   |     | 20 |
| 210 | Functions of chemokines in the perineural invasion of tumors (Review). <b>2018</b> , 52, 1369-1379   |     | 7  |
| 209 | Precision Medicine: The Role of the MSIDS Model in Defining, Diagnosing, and Treating Chronic Lyme Disease/Post Treatment Lyme Disease Syndrome and Other Chronic Illness: Part 2. <b>2018</b> , 6,            |     | 12 |

|     |  |      |    |
|-----|--|------|----|
| 208 | The Role of Tumor Necrosis Factor $\alpha$ In the Biology of Uterine Fibroids and the Related Symptoms. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,   | 6.3  | 26 |
| 207 | The pectin-insulin patch application prevents the onset of peripheral neuropathy-like symptoms in streptozotocin-induced diabetic rats. <b>2018</b> , 96, 1286-1292  |      | 0  |
| 206 | ZLARTH, a micro-immunotherapy medicine, exerts anti-inflammatory effects in vitro and reduces TNF- $\alpha$ and IL-1 $\beta$ secretion. <b>2018</b> , 11, 397-405  |      | 13 |
| 205 | Genetic and psychological factors interact to predict physical impairment phenotypes following exercise-induced shoulder injury. <b>2018</b> , 11, 2497-2508   |      | 4  |
| 204 | Nicotine and sleep deprivation: impact on pain sensitivity and immune modulation in rats. <b>2018</b> , 8, 13837   |      | 3  |
| 203 | Quadratus Lumborum Block Versus Perioperative Intravenous Lidocaine for Postoperative Pain Control in Patients Undergoing Laparoscopic Colorectal Surgery: A Prospective, Randomized, Double-blind Controlled Clinical Trial. <b>2018</b> , 268, 769-775 |      | 35 |
| 202 | Analgesic, anti-inflammatory and anti-arthritic properties of aqueous and methanolic stem bark extracts from <i>Nauclea pobeguinii</i> (Rubiaceae) in rats. <b>2018</b> , 15,  |      | 8  |
| 201 | Implication of surgical procedure in the induction of headache and generalized painful sensation in a fluid percussion injury model in rats. <b>2018</b> , 307, 23-30  |      | 6  |
| 200 | Effects of Transcutaneous Electrical Nerve Stimulation on Proinflammatory Cytokines: Systematic Review and Meta-Analysis. <i>Mediators of Inflammation</i> , <b>2018</b> , 2018, 1094352   | 4.3  | 10 |
| 199 | Sustained stimulation of $\alpha$ and $\beta$ adrenergic receptors leads to persistent functional pain and neuroinflammation. <b>2018</b> , 73, 520-532  |      | 28 |
| 198 | Antihyperalgesic Properties of Honokiol in Inflammatory Pain Models by Targeting of NF- $\kappa$ B and Nrf2 Signaling. <b>2018</b> , 9, 140  |      | 54 |
| 197 | The analgesic potential of cytokine neutralization with biologicals. <b>2018</b> , 835, 19-30  |      | 14 |
| 196 | Efficacy of Interventional Procedures for Neuropathic Pain. <b>2018</b> , 715-722.e3   |      | 1  |
| 195 | Molecular and cellular identification of the immune response in peripheral ganglia following nerve injury. <i>Journal of Neuroinflammation</i> , <b>2018</b> , 15, 192   | 10.1 | 33 |
| 194 | The association between body fat and musculoskeletal pain: a systematic review and meta-analysis. <b>2018</b> , 19, 233  |      | 53 |
| 193 | The effect of a garlic supplement on the pro-inflammatory adipocytokines, resistin and tumor necrosis factor- $\alpha$ , and on pain severity, in overweight or obese women with knee osteoarthritis. <b>2018</b> , 48, 70-75                            |      | 34 |
| 192 | Inflammatory Response 24 h Post-Exercise in Youth with Juvenile Idiopathic Arthritis. <b>2018</b> , 39, 867-874  |      | 2  |
| 191 | The Relationship Between Vulvovaginal Candidiasis and Provoked Vulvodynia: A Systematic Review. <b>2018</b> , 15, 1310-1321  |      | 12 |

|     |   |     |    |
|-----|---|-----|----|
| 190 | Perturbations in neuroinflammatory pathways are associated with paclitaxel-induced peripheral neuropathy in breast cancer survivors. <i>Journal of Neuroimmunology</i> , <b>2019</b> , 335, 577019  | 3-5 | 6  |
| 189 | Peripheral and central substance P expression in rat CFA-induced TMJ synovitis pain. <i>Molecular Pain</i> , <b>2019</b> , 15, 1744806919866340   | 3-4 | 3  |
| 188 | Polyphenols for diabetes associated neuropathy: Pharmacological targets and clinical perspective. <b>2019</b> , 27, 781-798   |     | 16 |
| 187 | Macrophage Toll-like Receptor 9 Contributes to Chemotherapy-Induced Neuropathic Pain in Male Mice. <b>2019</b> , 39, 6848-6864  |     | 50 |
| 186 | Anticatabolic Effects of Morin through the Counteraction of Interleukin-1 $\beta$ -Induced Inflammation in Rat Primary Chondrocytes. <b>2019</b> , 207, 21-33   |     | 3  |
| 185 | An integrated review on new targets in the treatment of neuropathic pain. <b>2019</b> , 23, 1-20  |     | 15 |
| 184 | The joint effect of insomnia symptoms and lifestyle factors on risk of self-reported fibromyalgia in women: longitudinal data from the HUNT Study. <b>2019</b> , 9, e028684   |     | 8  |
| 183 | Neurosteroids and neuropathic pain management: Basic evidence and therapeutic perspectives. <b>2019</b> , 55, 100795  |     | 15 |
| 182 | miR-98 acts as an inhibitor in chronic constriction injury-induced neuropathic pain via downregulation of high-mobility group AT-hook 2. <b>2019</b> , 120, 10363-10369   |     | 9  |
| 181 | Efficacy of autologous serum tears for treatment of neuropathic corneal pain. <b>2019</b> , 17, 532-539   |     | 34 |
| 180 | Essential roles of C-type lectin Mincle in induction of neuropathic pain in mice. <b>2019</b> , 9, 872  |     | 4  |
| 179 | TNF- $\alpha$ differently regulates TRPV2 and TRPV4 channels in human dental pulp cells. <b>2019</b> , 52, 1617-1628  |     | 5  |
| 178 | Development of chronic pain in males with traumatic spinal cord injury: role of circulating levels of the chemokines CCL2 and CXCL10 in subacute stage. <b>2019</b> , 57, 953-959   |     | 10 |
| 177 | Sleep deprivation worsened oral ulcers and delayed healing process in an experimental rat model. <b>2019</b> , 232, 116594  |     | 11 |
| 176 | Patients with Fibromyalgia and Chronic Fatigue Syndrome show increased hsCRP compared to healthy controls. <b>2019</b> , 81, 172-177  |     | 19 |
| 175 | Roles of tumor necrosis factor- $\alpha$ and interleukin-6 in regulating bone cancer pain via TRPA1 signal pathway and beneficial effects of inhibition of neuro-inflammation and TRPA1. <i>Molecular Pain</i> , <b>2019</b> , 15, 1744806919857981 | 3-4 | 17 |
| 174 | The interplay between sleeplessness and high-sensitivity C-reactive protein on risk of chronic musculoskeletal pain: longitudinal data from the Tromsø Study. <b>2019</b> , 42,   |     | 8  |
| 173 | Central hypersensitivity - A model for persistent musculoskeletal pain in inflammatory bowel diseases. <b>2019</b> , 129, 109243  |     | 1  |

|     |   |     |    |
|-----|---|-----|----|
| 172 | Targeting strategies for chemotherapy-induced peripheral neuropathy: does gut microbiota play a role?. <b>2019</b> , 45, 369-393  |     | 17 |
| 171 | CRPS: what's in a name? Taxonomy, epidemiology, neurologic, immune and autoimmune considerations. <b>2019</b> , 44, 376-387   |     | 13 |
| 170 | Long-term actions of interleukin-1β on K, Na and Ca channel currents in small, IB-positive dorsal root ganglion neurons; possible relevance to the etiology of neuropathic pain. <i>Journal of Neuroimmunology</i> , <b>2019</b> , 332, 198-211 | 3.5 | 12 |
| 169 | Morin Alleviates Vincristine-Induced Neuropathic Pain via Nerve protective Effect and Inhibition of NF-κB Pathway in Rats. <b>2019</b> , 39, 799-808  |     | 14 |
| 168 | 3-(4-Chlorophenylselanyl)-1-methyl-1H-indole promotes recovery of neuropathic pain and depressive-like behavior induced by partial constriction of the sciatic nerve in mice. <b>2019</b> , 54, 126-133   |     | 16 |
| 167 | Differential perception of sharp pain in patients with borderline personality disorder. <i>European Journal of Pain</i> , <b>2019</b> , 23, 1448-1463   | 3.7 | 3  |
| 166 | The many facets of macrophages in rheumatoid arthritis. <b>2019</b> , 165, 152-169  |     | 73 |
| 165 | Thymosin Alpha-1 Inhibits Complete Freund's Adjuvant-Induced Pain and Production of Microglia-Mediated Pro-inflammatory Cytokines in Spinal Cord. <b>2019</b> , 35, 637-648   |     | 15 |
| 164 | The Benzimidazole Derivatives, B1 (-[(1-Benzimidazol-2-yl)Methyl]-4-Methoxyaniline) and B8 (-{4-[(1-Benzimidazol-2-yl)Methoxy]Phenyl}Acetamide) Attenuate Morphine-Induced Paradoxical Pain in Mice. <b>2019</b> , 13, 101                      |     | 5  |
| 163 | The serum protease network-one key to understand complex regional pain syndrome pathophysiology. <b>2019</b> , 160, 1402-1409   |     | 8  |
| 162 | Focal localization of inflammatory cytokines and neurotrophins in a tongue chronic injury model. <b>2019</b> , 99, 22-30  |     | 1  |
| 161 | Mesenchymal stem cell exosomes as a cell-free therapy for nerve injury-induced pain in rats. <b>2019</b> , 160, 210-223   |     | 69 |
| 160 | Inflammatory Macrophages in the Sciatic Nerves Facilitate Neuropathic Pain Associated with Type 2 Diabetes Mellitus. <b>2019</b> , 368, 535-544   |     | 15 |
| 159 | Corneal pain and experimental model development. <b>2019</b> , 71, 88-113   |     | 20 |
| 158 | Algae-derived β-glucan enhanced gut health and immune responses of weaned pigs experimentally infected with a pathogenic E. coli. <b>2019</b> , 248, 114-125  |     | 21 |
| 157 | Physical Activity Intensity is Associated with Symptom Distress in the CNICS Cohort. <b>2019</b> , 23, 627-635  |     | 14 |
| 156 | GS-KG9 ameliorates diabetic neuropathic pain induced by streptozotocin in rats. <b>2019</b> , 43, 58-67   |     | 12 |
| 155 | Resistin Is a Novel Marker for Postoperative Pain Intensity. <b>2019</b> , 128, 563-568   |     | 7  |

|     |  |    |
|-----|--|----|
| 154 | Anti-Inflammatory Effect of Carprofen Is Enhanced by Avocado/Soybean Unsaponifiables, Glucosamine and Chondroitin Sulfate Combination in Chondrocyte Microcarrier Spinner Culture. <b>2020</b> , 11, 108-116 | 4  |
| 153 | Injury-Induced Effectors of Neuropathic Pain. <b>2020</b> , 57, 51-66  | 3  |
| 152 | Pathophysiologic Approach to Pain Therapy for Complex Pain Entities: A Narrative Review. <b>2020</b> , 9, 7-21   | 5  |
| 151 | The Women's Circle of Health Follow-Up Study: a population-based longitudinal study of Black breast cancer survivors in New Jersey. <b>2020</b> , 14, 331-346  | 16 |
| 150 | Electrocatheter-mediated High-voltage Pulsed Radiofrequency of the Dorsal Root Ganglion in the Treatment of Chronic Lumbosacral Neuropathic Pain: A Randomized Controlled Study. <b>2020</b> , 36, 25-33     | 8  |
| 149 | Influence of sleep problems and co-occurring musculoskeletal pain on long-term prognosis of chronic low back pain: the HUNT Study. <b>2020</b> , 74, 283-289   | 12 |
| 148 | Curcumin Alleviates Oxaliplatin-Induced Peripheral Neuropathic Pain through Inhibiting Oxidative Stress-Mediated Activation of NF- $\kappa$ B and Mitigating Inflammation. <b>2020</b> , 43, 348-355         | 22 |
| 147 | Characterization of burning mouth syndrome profiles based on response to a local anaesthetic lozenge. <b>2020</b> , 26, 656-669  | 3  |
| 146 | Neuroimmune System as a Driving Force for Plasticity Following CNS Injury. <b>2020</b> , 14, 187   | 12 |
| 145 | Spinal interleukin-6 contributes to central sensitisation and persistent pain hypersensitivity in a model of juvenile idiopathic arthritis. <b>2020</b> , 90, 145-154  | 6  |
| 144 | Dual-Acting Peripherally Restricted Delta/Kappa Opioid (CAV1001) Produces Antinociception in Animal Models of Sub-Acute and Chronic Pain. <b>2020</b> , 13, 2461-2474  | 5  |
| 143 | K Channels in Primary Afferents and Their Role in Nerve Injury-Induced Pain. <b>2020</b> , 14, 566418  | 10 |
| 142 | Retrofractamide C Derived from Alleviates Xylene-Induced Mouse Ear Edema and Inhibits Phosphorylation of ERK and NF- $\kappa$ B in LPS-Induced J774A.1. <b>2020</b> , 25,                                    | 3  |
| 141 | Pro-Inflammatory Cytokines at Ultra-Low Dose Exert Anti-Inflammatory Effect In Vitro: A Possible Mode of Action Involving Sub-Micron Particles?. <b>2020</b> , 18, 1559325820961723                          | 5  |
| 140 | Locally Applied Stem Cell Exosome-Scaffold Attenuates Nerve Injury-Induced Pain in Rats. <b>2020</b> , 13, 3257-32687  |    |
| 139 | The dichotomous role of epiregulin in pain. <b>2020</b> , 161, 1052-1064   | 7  |
| 138 | Exploring the Promise of Flavonoids to Combat Neuropathic Pain: From Molecular Mechanisms to Therapeutic Implications. <b>2020</b> , 14, 478   | 17 |
| 137 | v $\beta$ Integrin Antagonists Enhance Chemotherapy Response in an Orthotopic Pancreatic Cancer Model. <b>2020</b> , 11, 95  | 6  |

|     |   |       |
|-----|---|-------|
| 136 | Chronic Inflammatory Lameness Increases Cytokine Concentration in the Spinal Cord of Dairy Cows. <b>2020</b> , 7, 125   | 5     |
| 135 | In Vitro and In Vivo Effects of Flavonoids on Peripheral Neuropathic Pain. <b>2020</b> , 25,  | 26    |
| 134 | A systematic review of the role of inflammatory biomarkers in acute, subacute and chronic non-specific low back pain. <b>2020</b> , 21, 142   | 19    |
| 133 | The ceramide-S1P pathway as a druggable target to alleviate peripheral neuropathic pain. <b>2020</b> , 24, 869-884  | 3     |
| 132 | Effect of cinnamon on migraine attacks and inflammatory markers: A randomized double-blind placebo-controlled trial. <b>2020</b> , 34, 2945-2952  | 5     |
| 131 | Mutually beneficial effects of intensive exercise and GABAergic neural progenitor cell transplants in reducing neuropathic pain and spinal pathology in rats with spinal cord injury. <b>2020</b> , 327, 113208 | 18    |
| 130 | Complex regional pain syndrome secondary to sacrococcygeal dislocation following trauma to the lumbosacral region. Case report. <b>2020</b> , 6, 52-62  |       |
| 129 | Pain-less injection: principles and pearls. <b>2021</b> , 313, 291-293  |       |
| 128 | Inflammation in the intervertebral disc herniation. <b>2021</b> , 32, 21-35   | 4     |
| 127 | Cannabinoids and an anti-inflammatory diet for the treatment of neuropathic pain after spinal cord injury (The CATNP Study): study protocol for a randomized controlled trial. <b>2021</b> , 59, 112-122        | 0     |
| 126 | Involvement of astrocytes activation in orofacial hyperalgesia induced by experimental tooth movement. <b>2021</b> , 24, 147-154  | 0     |
| 125 | The Neuroprotective Effect of Mesna on Cisplatin-Induced Neurotoxicity: Behavioral, Electrophysiological, and Molecular Studies. <b>2021</b> , 39, 826-840  | 9     |
| 124 | Tagitinin F has anti-inflammatory, anti-nociceptive and anti-matrix metalloproteinase properties: An in silico, in vitro and in vivo study. <b>2021</b> , 164, 105303   | 0     |
| 123 | Intensive Locomotor Training Provides Sustained Alleviation of Chronic Spinal Cord Injury-Associated Neuropathic Pain: A Two-Year Pre-Clinical Study. <b>2021</b> , 38, 789-802                                 | 4     |
| 122 | Pain and sleep. <b>2021</b> ,   |       |
| 121 | Hemokinin-1 as a Mediator of -Related Pain via Direct Activation of Primary Sensory Neurons. <b>2020</b> , 11, 594479   | 1     |
| 120 | Inflammation in the intervertebral disc herniation. <b>2021</b> , 32, 21-35   | 5     |
| 119 | Treatment-Induced Neuropathy in Diabetes (TIND)-Developing a Disease Model in Type 1 Diabetic Rats. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,                                      | 6.3 3 |



|     |   |     |    |
|-----|---|-----|----|
| 118 | Risk factors for new chronic opioid use after hip fracture surgery: a Danish nationwide cohort study from 2005 to 2016 using the Danish multidisciplinary hip fracture registry. <b>2021</b> , 11, e039238          |     | 2  |
| 117 | Effects of Interleukin-1 $\beta$ in Glycinergic Transmission at the Central Amygdala. <b>2021</b> , 12, 613105  |     | 0  |
| 116 | Effects of R-flurbiprofen and the oxygenated metabolites of endocannabinoids in inflammatory pain mice models. <b>2021</b> , 35, e21411   |     | 1  |
| 115 | Role of inflammation in benign gynecologic disorders: from pathogenesis to novel therapies. <b>2021</b> , 105, 7-31   |     | 6  |
| 114 | Rheumatic manifestations of Chikungunya virus infection: Prevalence, patterns, and enthesitis. <b>2021</b> , 16, e0249867   |     | 0  |
| 113 | Early Life Nociception is Influenced by Peripheral Growth Hormone Signaling. <b>2021</b> , 41, 4410-4427  |     | 3  |
| 112 | Neurophysiological mechanisms of chiropractic spinal manipulation for spine pain. <i>European Journal of Pain</i> , <b>2021</b> , 25, 1429-1448   | 3-7 | 9  |
| 111 | Specialized Pro-resolving Mediators Reduce Pro-nociceptive Inflammatory Mediator Production in Models of Localized Provoked Vulvodynia. <b>2021</b> , 22, 1195-1209   |     | 1  |
| 110 | Pain Phenotypes in Rare Musculoskeletal and Neuromuscular Diseases. <b>2021</b> , 124, 267-290  |     | 10 |
| 109 | Are sensory neurons exquisitely sensitive to interleukin 1 $\beta$ . <i>Journal of Neuroimmunology</i> , <b>2021</b> , 354, 577529  | 3-5 | 3  |
| 108 | Therapeutic Potential of Polyphenols in the Management of Diabetic Neuropathy. <b>2021</b> , 2021, 9940169  |     | 12 |
| 107 | Spinal Cord Stimulation Attenuates Mechanical Allodynia and Increases Central Resolvin D1 Levels in Rats With Spared Nerve Injury. <b>2021</b> , 12, 687046   |     | 2  |
| 106 | Cardamonin Modulates Neuropathic Pain through the Possible Involvement of Serotonergic 5-HT1A Receptor Pathway in CCI-Induced Neuropathic Pain Mice Model. <b>2021</b> , 26,  |     | 1  |
| 105 | Does Obesity Affect the Severity of Exercise-Induced Muscle Injury?. <b>2021</b> , 30, 132-140  |     | 1  |
| 104 | Exercise induced hypoalgesia profile in rats is associated with IL-10 and IL-1 $\beta$ levels and pain severity following nerve injury. <b>2021</b> , 143, 155540   |     | 3  |
| 103 | The Diagnosis of Perineural Invasion: A Crucial Factor in Novel Algorithm of Coexistence of Conventional and Nerve-Sparing Radical Hysterectomy. <b>2021</b> , 11,  |     | 0  |
| 102 | A comprehensive review on biomarkers associated with painful temporomandibular disorders. <b>2021</b> , 13, 23  |     | 5  |
| 101 | Analgesic effect of perineural local anesthetics, steroids, and conventional medical management for trauma and compression-related peripheral neuropathic pain: a retrospective cohort study. <b>2021</b> , 6, e945 |     | 0  |

|     |  |        |
|-----|--|--------|
| 100 | Diabetic Neuropathy: Review on Molecular Mechanisms. <b>2021</b> ,   | 0      |
| 99  | Mediators of Neuropathic Pain; Focus on Spinal Microglia, CSF-1, BDNF, CCL21, TNF- $\alpha$ /Wnt Ligands, and Interleukin 1 $\beta$ <b>2021</b> , 2, 698157                                  | 3      |
| 98  | Role of IL-6 in the regulation of neuronal development, survival and function. <b>2021</b> , 144, 155582   | 6      |
| 97  | T lymphocyte and monocyte subsets are dysregulated in type 1 diabetes patients with peripheral neuropathic pain. <b>2021</b> , 15, 100283  | 1      |
| 96  | The effect of obesity on pain severity and pain interference. <b>2021</b> , 11, 571-581  | 1      |
| 95  | Reduced serum protease activity in Complex Regional Pain Syndrome: The impact of angiotensin-converting enzyme and carboxypeptidases. <b>2021</b> , 205, 114307                              | 0      |
| 94  | Systemic inflammatory biomarkers in painful diabetic neuropathy. <b>2021</b> , 35, 108017  | 6      |
| 93  | Pain modulated by Bothrops snake venoms: Mechanisms of nociceptive signaling and therapeutic perspectives. <b>2021</b> , 201, 105-114  | 3      |
| 92  | Evidence of cellular proliferation in the spinal cord and hippocampus in an animal model of osteoarthritis. <b>2021</b> , 2, 100046  |        |
| 91  | Pain sensitivity increases more in younger runners during an ultra-marathon. <b>2021</b> , 21, 364-371   | 0      |
| 90  | Localized Inflammatory Irritation of the Lumbar Ganglia: An Animal Model of Chemogenic Low Back Pain and Radiculopathy. <b>2011</b> , 89-102   | 1      |
| 89  | Inflammatory mediators and modulators of pain. <b>2006</b> , 49-72   | 38     |
| 88  | Dexmedetomidine with sufentanil in intravenous patient-controlled analgesia for relief from postoperative pain, inflammation and delirium after esophageal cancer surgery. <b>2020</b> , 40, | 9      |
| 87  | The Effects of Silver Nanoparticles Biosynthesized Using Fig and Olive Extracts on Cutaneous leishmaniasis Induced Inflammation in Female Balb/c Mice. <b>2020</b> ,                         | 6      |
| 86  | Gene expression in skin, muscle, and dorsal root ganglion after plantar incision in the rat. <i>Anesthesiology</i> , <b>2012</b> , 117, 161-72   | 4-3 41 |
| 85  | Immune cell-derived opioids protect against neuropathic pain in mice. <b>2009</b> , 119, 278-86  | 51     |
| 84  | GPR37 regulates macrophage phagocytosis and resolution of inflammatory pain. <b>2018</b> , 128, 3568-3582  | 109    |
| 83  | Hyperbaric oxygenation therapy alleviates chronic constrictive injury-induced neuropathic pain and reduces tumor necrosis factor-alpha production. <b>2011</b> , 113, 626-33                 | 43     |

|    |  |     |    |
|----|--|-----|----|
| 82 | Dexamethasone added to local lidocaine for infiltration along the spinal-epidural needle pathway decreases incidence and severity of backache after gynecological surgery. <b>2015</b> , 21, 821-7       |     | 5  |
| 81 | The Influence of Chronic Inflammation on Peripheral Motor Nerve Conduction Following Spinal Cord Injury: A Randomized Clinical Trial. <b>2017</b> , 23, 377-385  |     | 9  |
| 80 | IL-1 $\beta$ stimulates COX-2 dependent PGE $_2$ synthesis and CGRP release in rat trigeminal ganglia cells. <b>2011</b> , 6, e17360   |     | 89 |
| 79 | Antagonism of the Prokineticin System Prevents and Reverses Allodynia and Inflammation in a Mouse Model of Diabetes. <b>2016</b> , 11, e0146259  |     | 14 |
| 78 | Cystatin C as a potential biomarker to evaluate migraine. <b>2020</b> , 78, 337-341  |     | 1  |
| 77 | Exercise for Toxicity Management in Cancer: A Narrative Review. <i>Oncology &amp; Hematology Review</i> , <b>2018</b> , 14, 28   | 0.1 | 6  |
| 76 | Ghrelin Exerts Analgesic Effects through Modulation of IL-10 and TGF- $\beta$ Levels in a Rat Model of Inflammatory Pain. <b>2017</b> , 21, 114-9  |     | 17 |
| 75 | Negative oncologic impact of poor postoperative pain control in left-sided pancreatic cancer. <i>World Journal of Gastroenterology</i> , <b>2017</b> , 23, 676-686                                       | 5.6 | 6  |
| 74 | Influence of Surgery on the Pharmacokinetics of Tramadol Following Intravenous Administration in Dogs. <i>Asian Journal of Animal and Veterinary Advances</i> , <b>2013</b> , 8, 483-492                 | 0.1 | 1  |
| 73 | Evaluation of Effects of a Chinese Herb Formula on Adjuvant Induced Arthritis in Rats. <i>International Journal of Pharmacology</i> , <b>2018</b> , 14, 707-716  | 0.7 | 6  |
| 72 | Effect of Eye Masks on Pain and Sleep Quality in Patients Undergoing Cardiac Surgery: A Randomized Controlled Trial. <i>Critical Care Nurse</i> , <b>2020</b> , 40, 27-35                                | 1.6 | 6  |
| 71 | Systemic Complications of Complex Regional Pain Syndrome. <i>Neuroscience and Medicine</i> , <b>2012</b> , 03, 225-243   | 2.3 | 8  |
| 70 | Accurate diagnosis of myalgic encephalomyelitis and chronic fatigue syndrome based upon objective test methods for characteristic symptoms. <i>World Journal of Methodology</i> , <b>2015</b> , 5, 68-87 | 1.2 | 12 |
| 69 | Effects of 660 nm Low Level Laser Therapy on Neuropathic Pain Relief Following Chronic Constriction Injury in Rat Sciatic Nerve. <i>Archives of Neuroscience</i> , <b>2013</b> , 1, 76-81                | 1.2 | 4  |
| 68 | Identification of disease- and headache-specific mediators and pathways in migraine using blood transcriptomic and metabolomic analysis. <i>Journal of Headache and Pain</i> , <b>2021</b> , 22, 117     | 8.8 | 2  |
| 67 | The Impact of Sub-maximal Exercise on Neuropathic Pain, Inflammation, and Affect Among Adults With Spinal Cord Injury: A Pilot Study. <i>Frontiers in Rehabilitation Sciences</i> , <b>2021</b> , 2,     |     | 0  |
| 66 | Neuropathischer Schmerz. <b>2005</b> , 319-325   |     | 0  |
| 65 | Growth Factors and Cytokines.  |     |    |

|    |   |     |     |
|----|---|-----|-----|
| 64 | Modulation of Opioid Analgesic Reward by Inflammatory Agents. <b>2016</b> , 545-554   |     |     |
| 63 | Zachowania związane z aktywnością fizyczną czynnikiem predykcyjnym endogennej modulacji bólu u osób starszych. <i>Ból</i> <b>2017</b> , 18, 11-21   |     | 0   |
| 62 | Association of Cytokine TNF- $\alpha$ in Development of Osteoarthritis: A Comprehensive Study. <i>Journal of Ecophysiology and Occupational Health</i> , <b>2018</b> , 18, 117-121                        |     | 0.2 |
| 61 | Postsurgical Pain Syndromes. <b>2019</b> , 29-38  |     |     |
| 60 | Can phantom limb pain be reduced/eliminated solely by techniques applied to peripheral nerves?. <i>Journal of Neurorestoratology</i> , <b>2019</b> , 7, 26-36   |     | 3.3 |
| 59 | Dorsal-Root-Ganglion-Stimulation. <b>2019</b> , 275-289   |     |     |
| 58 | Correlation of Pressure Pain Threshold with Segmental Water Content among Female Farmers. <i>Tohoku Journal of Experimental Medicine</i> , <b>2019</b> , 248, 217-223                                     |     | 2.4 |
| 57 | Study of the $\mu$ opioid receptor in cutaneous ulcers of leishmaniasis and sporotrichosis according to the complaints of local pain. <i>Open Journal of Tropical Medicine</i> , <b>2019</b> , 3, 007-013 |     | 0.2 |
| 56 | Differentiation of the 50B11 dorsal ganglion cells into NGF and GDNF responsive nociceptor subtypes. <i>Molecular Pain</i> , <b>2020</b> , 16, 1744806920970368   |     | 3.4 |
| 55 | Early life nociception is influenced by peripheral growth hormone signaling.  |     |     |
| 54 | Analgesic and anti-inflammatory effects of modafinil in a mouse model of neuropathic pain: A role for nitrergic and serotonergic pathways. <i>Neurological Research</i> , <b>2021</b> , 1-13              | 2.7 | 2   |
| 53 | Effect of Sleep Loss on Pain. <b>2020</b> , 556-608   |     | 0   |
| 52 | The Effect of Obesity on Pain Severity and Pain Interference.   |     |     |
| 51 | Biodentine <sup>TM</sup> in Inflammation and Pain Control. <b>2022</b> , 51-66  |     |     |
| 50 | Physiologische und zellbiologische Mechanismen neuropathischer Schmerzen. <b>2005</b> , 19-30   |     | 1   |
| 49 | Effect of intraperitoneally administered propentofylline in a rat model of postoperative pain. <i>Korean Journal of Pain</i> , <b>2020</b> , 33, 326-334  | 2.1 | 1   |
| 48 | Evaluation of GW406381 for treatment of osteoarthritis of the knee: two randomized, controlled studies. <i>Medscape Journal of Medicine</i> , <b>2008</b> , 10, 259                                       |     | 14  |
| 47 | Heavy metals and pain in the dysfunctional patient. <i>Annali Di Stomatologia</i> , <b>2014</b> , 5, 41-51  |     |     |

|    |   |      |    |
|----|---|------|----|
| 46 | Effects of silymarin on neuropathic pain and formalin-induced nociception in mice. <i>Iranian Journal of Basic Medical Sciences</i> , <b>2015</b> , 18, 715-20  | 1.8  | 16 |
| 45 | Exercise for Toxicity Management in Cancer-A Narrative Review. <i>Oncology &amp; Hematology Review</i> , <b>2018</b> , 14, 28-37  | 0.1  | 26 |
| 44 | Aitongxiao improves pain symptoms of rats with cancer pain by reducing IL-1, TNF- $\alpha$ and PGE2. <i>International Journal of Clinical and Experimental Pathology</i> , <b>2021</b> , 14, 133-139  | 1.4  | 1  |
| 43 | Nox, Nox, Are You There? The Role of NADPH Oxidases in the Peripheral Nervous System. <i>Antioxidants and Redox Signaling</i> , <b>2021</b> ,   | 8.4  | 2  |
| 42 | Therapeutic Effect of Electroacupuncture on Lower Limb Pain in Rats with Early Diabetic Peripheral Neuropathy and the Effect of Abnormal Autophagy in the Spinal Cord. <i>Traditional Chinese Medicine</i> , <b>2022</b> , 11, 180-188  | 0    |    |
| 41 | Pathogenesis of Neuropathic Pain: Diagnosis and Treatment. <b>2022</b> , 105-124  |      |    |
| 40 | Immune Modulatory Effects of Nonsteroidal Anti-inflammatory Drugs in the Perioperative Period and Their Consequence on Postoperative Outcome.. <i>Anesthesiology</i> , <b>2022</b> ,  | 4.3  | 3  |
| 39 | Reduction on Proinflammatory Cytokines after Application of Transcutaneous Electrical Nerve Stimulation (TENS) in Patients with a Breast Cancer: A Nonrandomized, Open, and Single-Arm Study Protocol with Paired Analysis.. <i>Mediators of Inflammation</i> , <b>2022</b> , 2022, 1350813 | 4.3  |    |
| 38 | Chronic cerebral aspects of long COVID, post-stroke syndromes and similar states share their pathogenesis and perispinal etanercept treatment logic.. <i>Pharmacology Research and Perspectives</i> , <b>2022</b> , 10, e00926  | 3.1  | 0  |
| 37 | The antinociceptive effect of garlic, garlic preparations, and derivative compounds.. <i>European Journal of Pain</i> , <b>2022</b> ,   | 3.7  | 0  |
| 36 | Lidocaine Infusion for the Treatment of Headache Associated With Subarachnoid Hemorrhage: A Case Report.. <i>A&amp;A Practice</i> , <b>2022</b> , 16, e01576  | 0.8  | 0  |
| 35 | From a Symptom-Based to a Mechanism-Based Pharmacotherapeutic Treatment in Complex Regional Pain Syndrome.. <i>Drugs</i> , <b>2022</b> , 82, 511  | 12.1 | 0  |
| 34 | Peripheral neuropathy in sarcoidosis.. <i>Journal of Neuroimmunology</i> , <b>2022</b> , 577864   | 3.5  | 0  |
| 33 | SIRT1: A promising therapeutic target for chronic pain.. <i>CNS Neuroscience and Therapeutics</i> , <b>2022</b> ,   | 6.8  | 2  |
| 32 | Does physical activity modify the association of pain with impaired physical function in aging adults?. <i>Experimental Gerontology</i> , <b>2022</b> , 111791  | 4.5  | 0  |
| 31 | The 7-Hydroxyflavone attenuates chemotherapy-induced neuropathic pain by targeting inflammatory pathway.. <i>International Immunopharmacology</i> , <b>2022</b> , 107, 108674   | 5.8  | 1  |
| 30 | Tracking macrophages in diabetic neuropathy with two-color nanoemulsions for near-infrared fluorescent imaging and microscopy.. <i>Journal of Neuroinflammation</i> , <b>2021</b> , 18, 299   | 10.1 | 0  |
| 29 | Somatosensory Temporal Discrimination And Neutrophil/Lymphocyte Ratio In Patients With Chronic Low Back Pain. <i>Balikesir Sallik Bilimleri Dergisi</i> ,   |      |    |

|    |   |     |   |
|----|---|-----|---|
| 28 | Obesity by High-Fat Diet Increases Pain Sensitivity by Reprogramming Branched-Chain Amino Acid Catabolism in Dorsal Root Ganglia. <i>Frontiers in Nutrition</i> , <b>2022</b> , 9,                        | 6.2 | 1 |
| 27 | Role of alpha-lipoic acid in counteracting paclitaxel- and doxorubicin-induced toxicities: a randomized controlled trial in breast cancer patients. <i>Supportive Care in Cancer</i> ,                    | 3.9 |   |
| 26 | Ameliorative Potential of Hot Compress on Sciatic Nerve Pain in Chronic Constriction Injury-Induced Rat Model. <i>Frontiers in Synaptic Neuroscience</i> , <b>2022</b> , 14,                              | 3.5 | 0 |
| 25 | Integrating the Gut Microbiome and Stress-Diathesis to Explore Post-Trauma Recovery: An Updated Model. <i>Pathogens</i> , <b>2022</b> , 11, 716   | 4.5 | 0 |
| 24 | SYSTEMIC CYTOKINE LEVEL DIFFERENCES IN PATIENTS WITH CHRONIC MUSCULOSKELETAL SPINAL PAIN COMPARED TO HEALTHY CONTROLS AND ITS ASSOCIATION WITH PAIN SEVERITY: A SYSTEMATIC REVIEW. <i>Pain Medicine</i> , | 2.8 | 0 |
| 23 | Pro-Inflammatory Signalling PRPropels Cisplatin-Induced Toxicity. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 7227   | 6.3 | 2 |
| 22 | Neuropathic Pain Induces Interleukin-1 $\beta$ -Sensitive Bimodal Glycinergic Activity in the Central Amygdala. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 7356               | 6.3 |   |
| 21 | Chronic Pain after Bone Fracture: Current Insights into Molecular Mechanisms and Therapeutic Strategies. <b>2022</b> , 12, 1056   |     | 0 |
| 20 | Aberrant Expression of COX-2 and FOXG1 in Infrapatellar Fat Pad-Derived ASCs from Pre-Diabetic Donors. <b>2022</b> , 11, 2367   |     |   |
| 19 | Ligustrazine mitigates chronic venous disease-induced pain hyperalgesia through desensitization of inflammation-associated TRPA1 activity in DRG. <b>2022</b> , 115667                                    |     |   |
| 18 | Association of TGFB1 rs1800469 and BCMO1 rs6564851 with coronary heart disease and IL1B rs16944 with all-cause mortality in men from the Northern Ireland PRIME study. <b>2022</b> , 17, e0273333         |     | 0 |
| 17 | Immune-inflammatory and hypothalamic-pituitary-adrenal axis biomarkers are altered in patients with non-specific low back pain: A systematic review. 13,  |     | 0 |
| 16 | Application of adipose-derived mesenchymal stem cells in an in vivo model of peripheral nerve damage. 16,   |     | 0 |
| 15 | Headache persisting after aneurysmal subarachnoid hemorrhage: A narrative review of pathophysiology and therapeutic strategies.   |     | 1 |
| 14 | Dimethyl Fumarate (DMF) Alleviated Post-Operative (PO) Pain through the N-Methyl-d-Aspartate (NMDA) Receptors. <b>2022</b> , 11, 1774   |     | 0 |
| 13 | Why Give My Surgical Patients Probiotics. <b>2022</b> , 14, 4389  |     | 1 |
| 12 | Using Network Pharmacology and Animal Experiment to Investigate the Therapeutic Mechanisms of Polydatin against Vincristine-Induced Neuropathic Pain. <b>2022</b> , 2022, 1-13                            |     | 0 |
| 11 | Inflammation and Infection in Pain and the Role of GPR37. <b>2022</b> , 23, 14426   |     | 2 |

- 10 The neuroprotective effect of pterostilbene on oxaliplatin-induced peripheral neuropathy via its anti-inflammatory, anti-oxidative and anti-apoptotic effects: Comparative study with celecoxib. **2023**, 315, 121364 1
- 9 Antihyperalgesic and Antiallodynic Effects of Amarisolide A and Salvia amarissima Ortega in Experimental Fibromyalgia-Type Pain. **2023**, 13, 59 0
- 8 Sacral plexus block as a method of intraoperative analgesia. **2023**, 7, 30-35 0
- 7 One immune system plays many parts: The dynamic role of the immune system in chronic pain and opioid pharmacology. **2023**, 228, 109459 0
- 6 Physical activity as a promising alternative for young people with juvenile idiopathic arthritis: Towards an evidence-based prescription. 14, 0
- 5 Imaging the effects of tumour necrosis factor inhibition on pain processing in severe rheumatoid arthritis. 0
- 4 Dorsal Root Ganglion Stimulation. **2023**, 283-297 0
- 3 Obsessive-Compulsive Disorder, PANDAS, and Tourette Syndrome: Immuno-inflammatory Disorders. **2023**, 275-300 0
- 2 Ameliorative Effects of Isoeugenol and Eugenol against Impaired Nerve Function and Inflammatory and Oxidative Mediators in Diabetic Neuropathic Rats. **2023**, 11, 1203 0
- 1 Neuroanatomical restoration of salience network links reduced headache impact to cognitive function improvement in mild traumatic brain injury with posttraumatic headache. **2023**, 24, 0