

# Yu-Wen Chen

## List of Publications by Year in descending order

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87  
papers

1,400  
citations

361413

20  
h-index

454955

30  
g-index

87  
all docs

87  
docs citations

87  
times ranked

832  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Exercise Training Attenuates Neuropathic Pain and Cytokine Expression After Chronic Constriction Injury of Rat Sciatic Nerve. <i>Anesthesia and Analgesia</i> , 2012, 114, 1330-1337.                                    | 2.2 | 115       |
| 2  | Physical Exercise Induces Excess Hsp72 Expression and Delays the Development of Hyperalgesia and Allodynia in Painful Diabetic Neuropathy Rats. <i>Anesthesia and Analgesia</i> , 2013, 116, 482-490.                    | 2.2 | 70        |
| 3  | Intrathecal tri-cyclic antidepressants produce spinal anesthesia. <i>Pain</i> , 2004, 112, 106-112.  | 4.2 | 47        |
| 4  | Exercise Combined With Ultrasound Attenuates Neuropathic Pain in Rats Associated With Downregulation of IL-6 and TNF- $\alpha$ , but With Upregulation of IL-10. <i>Anesthesia and Analgesia</i> , 2017, 124, 2038-2044. | 2.2 | 36        |
| 5  | Diphenidol inhibited sodium currents and produced spinal anesthesia. <i>Neuropharmacology</i> , 2010, 58, 1147-1152.   | 4.1 | 35        |
| 6  | Exercise pretraining protects against cerebral ischaemia induced by heat stroke in rats. <i>British Journal of Sports Medicine</i> , 2007, 41, 597-602.  | 6.7 | 34        |
| 7  | Forced Treadmill Running Suppresses Postincisional Pain and Inhibits Upregulation of Substance P and Cytokines in Rat Dorsal Root Ganglion. <i>Journal of Pain</i> , 2014, 15, 827-834.                                  | 1.4 | 32        |
| 8  | Intrathecal oxybuprocaine and proxymetacaine produced potent and long-lasting spinal anesthesia in rats. <i>Neuroscience Letters</i> , 2009, 454, 249-253.   | 2.1 | 31        |
| 9  | Exercise Training Attenuates Postoperative Pain and Expression of Cytokines and N-methyl-D-aspartate Receptor Subunit 1 in Rats. <i>Regional Anesthesia and Pain Medicine</i> , 2013, 38, 282-288.                       | 2.3 | 28        |
| 10 | Treadmill Training Combined with Insulin Suppresses Diabetic Nerve Pain and Cytokines in Rat Sciatic Nerve. <i>Anesthesia and Analgesia</i> , 2015, 121, 239-246.  | 2.2 | 28        |
| 11 | The Local Anesthetic Effect of Memantine on Infiltrative Cutaneous Analgesia in the Rat. <i>Anesthesia and Analgesia</i> , 2011, 113, 191-195.   | 2.2 | 27        |
| 12 | Therapeutic Ultrasound Suppresses Neuropathic Pain and Upregulation of Substance P and Neurokinin-1 Receptor in Rats after Peripheral Nerve Injury. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 143-150.       | 1.5 | 26        |
| 13 | Transcutaneous Electrical Nerve Stimulation Attenuates Postsurgical Allodynia and Suppresses Spinal Substance P and Proinflammatory Cytokine Release in Rats. <i>Physical Therapy</i> , 2015, 95, 76-85.                 | 2.4 | 25        |
| 14 | Neural Mobilization Attenuates Mechanical Allodynia and Decreases Proinflammatory Cytokine Concentrations in Rats With Painful Diabetic Neuropathy. <i>Physical Therapy</i> , 2018, 98, 214-222.                         | 2.4 | 25        |
| 15 | Isobolographic Analysis of Epinephrine With Bupivacaine, Dextromethorphan, 3-Methoxymorphan, or Dextrorphan on Infiltrative Anesthesia in Rats. <i>Regional Anesthesia and Pain Medicine</i> , 2008, 33, 115-121.        | 2.3 | 24        |
| 16 | Cutaneous Analgesia and Systemic Toxicity of Carbetapentane and Caramiphen in Rats. <i>Regional Anesthesia and Pain Medicine</i> , 2012, 37, 34-39.  | 2.3 | 23        |
| 17 | The spinal anaesthetic effect of dextromethorphan, dextrorphan, and 3-methoxymorphan. <i>European Journal of Pharmacology</i> , 2007, 569, 188-193.  | 3.5 | 22        |
| 18 | The Systemic Toxicity of Equipotent Proxymetacaine, Oxybuprocaine, and Bupivacaine During Continuous Intravenous Infusion in Rats. <i>Anesthesia and Analgesia</i> , 2010, 110, 238-242.                                 | 2.2 | 22        |

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|----|--|-----|-----------|
| 19 | High-Frequency Transcutaneous Electrical Nerve Stimulation Attenuates Postsurgical Pain and Inhibits Excess Substance P in Rat Dorsal Root Ganglion. <i>Regional Anesthesia and Pain Medicine</i> , 2014, 39, 322-328.   | 2.3 | 22        |
| 20 | The Cutaneous Analgesic Effect of Class I Antiarrhythmic Drugs. <i>Anesthesia and Analgesia</i> , 2007, 104, 955-958.  | 2.2 | 20        |
| 21 | Isobolographic analysis of caramiphen and lidocaine on spinal anesthesia in rats. <i>Neuroscience Letters</i> , 2010, 469, 174-178.  | 2.1 | 20        |
| 22 | Incline treadmill exercise suppresses pain hypersensitivity associated with the modulation of pro-inflammatory cytokines and anti-inflammatory cytokine in rats with peripheral nerve injury. <i>Neuroscience Letters</i> , 2017, 643, 27-31.                      | 2.1 | 20        |
| 23 | Systemic dextromethorphan and dextrorphan are less toxic in rats than bupivacaine at equianesthetic doses. <i>Canadian Journal of Anaesthesia</i> , 2011, 58, 55-61.   | 1.6 | 19        |
| 24 | Propranolol elicits cutaneous analgesia against skin nociceptive stimuli in rats. <i>Neuroscience Letters</i> , 2012, 524, 129-132.  | 2.1 | 19        |
| 25 | Isobolographic analysis of interaction between nioxetine and mepivacaine-induced spinal blockades in rats. <i>Fundamental and Clinical Pharmacology</i> , 2014, 28, 88-94.   | 1.9 | 19        |
| 26 | Chlorpheniramine produces spinal motor, proprioceptive and nociceptive blockades in rats. <i>European Journal of Pharmacology</i> , 2015, 752, 55-60.  | 3.5 | 19        |
| 27 | Intrathecal propranolol displays long-acting spinal anesthesia with a more sensory-selective action over motor blockade in rats. <i>European Journal of Pharmacology</i> , 2011, 667, 208-214.   | 3.5 | 18        |
| 28 | Synergistic Effects of Serotonin or Dopamine Combined With Lidocaine at Producing Nociceptive Block in Rats. <i>Regional Anesthesia and Pain Medicine</i> , 2017, 42, 351-356.   | 2.3 | 18        |
| 29 | Dextromethorphan or Dextrorphan Have a Local Anesthetic Effect on Infiltrative Cutaneous Analgesia in Rats. <i>Anesthesia and Analgesia</i> , 2007, 104, 1251-1255.  | 2.2 | 17        |
| 30 | Clonidine as adjuvant for oxybuprocaine, bupivacaine or dextrorphan has a significant peripheral action in intensifying and prolonging analgesia in response to local dorsal cutaneous noxious pinprick in rats. <i>Neuroscience Letters</i> , 2011, 496, 186-190. | 2.1 | 17        |
| 31 | Cutaneous analgesia after subcutaneous injection of memantine and amantadine and their systemic toxicity in rats. <i>European Journal of Pharmacology</i> , 2012, 693, 25-30.  | 3.5 | 17        |
| 32 | Therapeutic Ultrasound and Treadmill Training Suppress Peripheral Nerve Injury-Induced Pain in Rats. <i>Physical Therapy</i> , 2016, 96, 1545-1553.  | 2.4 | 17        |
| 33 | Spinal anesthesia with diphenhydramine and pheniramine in rats. <i>European Journal of Pharmacology</i> , 2011, 673, 20-24.  | 3.5 | 15        |
| 34 | Nisoxetine blocks sodium currents and elicits spinal anesthesia in rats. <i>Pharmacological Reports</i> , 2013, 65, 350-357.   | 3.3 | 15        |
| 35 | Rimantadine and amantadine elicit local anesthesia to cutaneous nociceptive stimuli in a rat model. <i>Fundamental and Clinical Pharmacology</i> , 2014, 28, 199-204.  | 1.9 | 15        |
| 36 | Dextromethorphan, 3-methoxymorphinan, and dextrorphan have local anaesthetic effect on sciatic nerve blockade in rats. <i>European Journal of Pharmacology</i> , 2006, 544, 10-16.   | 3.5 | 14        |

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|----|--|-----|-----------|
| 37 | Isoflurane for spinal anesthesia in the rat. <i>Neuroscience Letters</i> , 2011, 501, 138-142.   | 2.1 | 13        |
| 38 | Spinal blockades of class I antiarrhythmic drugs with bupivacaine by isobolographic analysis in rats. <i>Neuroscience Letters</i> , 2012, 528, 46-50.  | 2.1 | 13        |
| 39 | Epinephrine as adjuvant for propranolol produces a marked peripheral action in intensifying and prolonging analgesia in response to local dorsal cutaneous noxious pinprick in rats. <i>European Journal of Pharmacology</i> , 2014, 740, 565-569. | 3.5 | 13        |
| 40 | Subcutaneous l-tyrosine elicits cutaneous analgesia in response to local skin pinprick in rats. <i>European Journal of Pharmacology</i> , 2015, 765, 457-462.  | 3.5 | 13        |
| 41 | Cutaneous synergistic analgesia of bupivacaine in combination with dopamine in rats. <i>Neuroscience Letters</i> , 2016, 620, 88-92.   | 2.1 | 13        |
| 42 | Systemic diphenidol reduces neuropathic allodynia and TNF-alpha overexpression in rats after chronic constriction injury. <i>Neuroscience Letters</i> , 2013, 552, 62-65.  | 2.1 | 12        |
| 43 | Intrathecal orphenadrine elicits spinal block in the rat. <i>European Journal of Pharmacology</i> , 2014, 742, 125-130.  | 3.5 | 12        |
| 44 | Diphenhydramine produces local cutaneous analgesia in response to dorsal skin noxious stimuli in the rat. <i>Fundamental and Clinical Pharmacology</i> , 2014, 28, 439-444.  | 1.9 | 12        |
| 45 | Propranolol combined with dopamine has a synergistic action in intensifying and prolonging cutaneous analgesia in rats. <i>Pharmacological Reports</i> , 2015, 67, 1224-1229.  | 3.3 | 12        |
| 46 | Exercise pretraining attenuates endotoxin-induced hemodynamic alteration in type I diabetic rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008, 33, 976-983.   | 1.9 | 11        |
| 47 | The dose-dependent study of verapamil and diltiazem on spinal anesthesia in the rat. <i>Neuroscience Letters</i> , 2010, 482, 76-80.   | 2.1 | 11        |
| 48 | Lidocaine for prolonged and intensified spinal anesthesia by coadministration of propranolol in the rat. <i>Neuroscience Letters</i> , 2011, 503, 63-67.   | 2.1 | 11        |
| 49 | Intrathecal chlorprothixene, cis(z)-flupenthixol, chlorpromazine and fluphenazine for prolonged spinal blockades of sensory and motor functions in rats. <i>European Journal of Pharmacology</i> , 2012, 693, 31-36.                               | 3.5 | 11        |
| 50 | Inhibition of voltage-gated K <sup>+</sup> channels and Ca <sup>2+</sup> channels by diphenidol. <i>Pharmacological Reports</i> , 2012, 64, 739-744.   | 3.3 | 11        |
| 51 | The use of carbetapentane for spinal anesthesia and use-dependent block of sodium currents. <i>European Journal of Pharmacology</i> , 2013, 714, 366-372.  | 3.5 | 11        |
| 52 | Co-administration of memantine with epinephrine produces a marked peripheral action in intensifying and prolonging analgesia in response to local skin pinprick in rats. <i>Neuroscience Letters</i> , 2014, 574, 59-63.                           | 2.1 | 11        |
| 53 | Caramiphen-induced block of sodium currents and spinal anesthesia. <i>European Journal of Pharmacology</i> , 2015, 746, 213-220.   | 3.5 | 11        |
| 54 | Clonidine intensifies memantine cutaneous analgesia in response to local skin noxious pinprick in the rat. <i>Pharmacological Reports</i> , 2015, 67, 485-489.   | 3.3 | 11        |

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|----|--|-----|-----------|
| 55 | Isobolographic analysis of the cutaneous antinociceptive interaction between bupivacaine co-injected with serotonin in rats. <i>Pharmacological Reports</i> , 2017, 69, 846-850.                           | 3.3 | 11        |
| 56 | Naloxone prolongs cutaneous nociceptive block by lidocaine in rats. <i>Fundamental and Clinical Pharmacology</i> , 2017, 31, 636-642.  | 1.9 | 11        |
| 57 | Phenothiazine-type Antipsychotics Elicit Cutaneous Analgesia in Rats. <i>Acta Anaesthesiologica Taiwanica</i> , 2010, 48, 3-7.   | 1.0 | 10        |
| 58 | Promazine and chlorpromazine for prolonged spinal anesthesia in rats. <i>Neuroscience Letters</i> , 2012, 521, 115-118.  | 2.1 | 10        |
| 59 | Nisoxetine produces local but not systemic analgesia against cutaneous nociceptive stimuli in the rat. <i>European Journal of Pharmacology</i> , 2012, 675, 22-25.   | 3.5 | 10        |
| 60 | The Addition of Epinephrine to Proxymetacaine or Oxybuprocaine Solution Increases the Depth and Duration of Cutaneous Analgesia in Rats. <i>Regional Anesthesia and Pain Medicine</i> , 2016, 41, 601-606. | 2.3 | 10        |
| 61 | Ifenprodil for prolonged spinal blockades of motor function and nociception in rats. <i>Pharmacological Reports</i> , 2016, 68, 357-362.   | 3.3 | 10        |
| 62 | Spinal sensory and motor blockade by intrathecal doxylamine and triprolidine in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 1654-1661.   | 2.4 | 10        |
| 63 | Intrathecal rimantadine induces motor, proprioceptive, and nociceptive blockades in rats. <i>Neuroscience Letters</i> , 2016, 618, 94-98.  | 2.1 | 9         |
| 64 | Phentolamine Reverses Epinephrine-Enhanced Skin Antinociception of Dibucaine in Rats. <i>Anesthesia and Analgesia</i> , 2019, 128, 1336-1343.  | 2.2 | 9         |
| 65 | Subcutaneous brompheniramine for cutaneous analgesia in rats. <i>European Journal of Pharmacology</i> , 2019, 860, 172544.   | 3.5 | 9         |
| 66 | Memantine elicits spinal blockades of motor function, proprioception, and nociception in rats. <i>Fundamental and Clinical Pharmacology</i> , 2015, 29, 567-574.   | 1.9 | 8         |
| 67 | Dopamine enhancement of dextrorphan-induced skin antinociception in response to needle pinpricks in rats. <i>Pharmacological Reports</i> , 2019, 71, 732-737.  | 3.3 | 8         |
| 68 | Chloroquine for prolonged skin analgesia in rats. <i>Neuroscience Letters</i> , 2020, 735, 135233.   | 2.1 | 8         |
| 69 | Clonidine as an adjuvant for propranolol enhances its effect on infiltrative cutaneous analgesia in rats. <i>Neuroscience Letters</i> , 2016, 616, 70-74.  | 2.1 | 7         |
| 70 | 2-Adamantanamine produces prolonged spinal block in rats. <i>Neuroscience Letters</i> , 2017, 653, 168-172.  | 2.1 | 7         |
| 71 | Mexiletine co-injected with clonidine increases the quality and duration of cutaneous analgesia in response to skin pinpricks in the rat. <i>Neuroscience Letters</i> , 2017, 654, 23-27.                  | 2.1 | 7         |
| 72 | Adding Dopamine to Proxymetacaine or Oxybuprocaine Solutions Potentiates and Prolongs the Cutaneous Antinociception in Rats. <i>Anesthesia and Analgesia</i> , 2018, 126, 1721-1728.                       | 2.2 | 7         |

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|----|--|-----|-----------|
| 73 | Inhibition of voltage-gated Na <sup>+</sup> channels by hinokiol in neuronal cells. <i>Pharmacological Reports</i> , 2015, 67, 1049-1054.  | 3.3 | 6         |
| 74 | High frequency transcutaneous electrical nerve stimulation with diphenidol administration results in an additive antiallodynic effect in rats following chronic constriction injury. <i>Neuroscience Letters</i> , 2015, 589, 62-66. | 2.1 | 6         |
| 75 | Serotonin enhances oxybuprocaine- and proxymetacaine-induced cutaneous analgesia in rats. <i>European Journal of Pharmacology</i> , 2019, 846, 73-78.  | 3.5 | 6         |
| 76 | Local Application of Ultrasound Attenuates Neuropathic Allodynia and Proinflammatory Cytokines in Rats After Thoracotomy. <i>Regional Anesthesia and Pain Medicine</i> , 2017, 43, 1.  | 2.3 | 5         |
| 77 | Intrathecal pramoxine causes long-lasting spinal sensory and motor block in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 543-549.   | 2.4 | 5         |
| 78 | Chlorpheniramine produces cutaneous analgesia in rats. <i>Pharmacological Reports</i> , 2020, 72, 827-832.   | 3.3 | 5         |
| 79 | Skin nociceptive block with pramoxine delivery by subcutaneous injection in rats. <i>Pharmacological Reports</i> , 2018, 70, 1180-1184.  | 3.3 | 4         |
| 80 | Ultrasound therapy reduces persistent post-thoracotomy tactile allodynia and spinal substance P expression in rats. <i>Regional Anesthesia and Pain Medicine</i> , 2019, 44, 604-608.  | 2.3 | 4         |
| 81 | Antimalarial primaquine for spinal sensory and motor blockade in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 1513-1519.  | 2.4 | 4         |
| 82 | Cardiopulmonary Profile in Streptozotocin-Induced Type 1 Diabetic Rats during Systemic Endotoxemia. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-8.   | 2.3 | 3         |
| 83 | Antimalarial primaquine for skin infiltration analgesia in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 206-211.  | 2.4 | 3         |
| 84 | Intrathecal pramipexole and selegiline for sensory and motor block in rats. <i>Pharmacological Reports</i> , 2022, 74, 470-480.  | 3.3 | 3         |
| 85 | Subcutaneous infiltration of doxylamine on cutaneous analgesia in rats. <i>Pharmacological Reports</i> , 2018, 70, 565-569.  | 3.3 | 2         |
| 86 | Pulsed Ultrasound Remedies Post-thoracotomy Hypersensitivity and Increases Spinal Anti-inflammatory Cytokine in Rats. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 3296-3304.   | 1.5 | 0         |
| 87 | Treadmill workouts alleviate neuropathic allodynia and scratching behavior in rats following thoracotomy. <i>Neurological Research</i> , 2022, , 1-10.   | 1.3 | 0         |