# Ji-Sheng Han

List of Publications by Year
in descending order



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|---|---|---|---|
| 110 papers | 6,537 citations | 76326 40 h-index | 66911 78 g-index |
| 119 all docs | 119 docs citations | 119 times ranked | 3944 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Association Between Essential Metal Elements and the Risk of Autism in Chinese Han Population. Biological Trace Element Research, 2022, 200, 505-515. | 3.5 | 8 |
| 2 | The salience of competing nonsocial objects reduces gaze toward social stimuli, but not the eyes, more in typically developing than autistic boys. Autism Research, 2022, , . | 3.8 | 0 |
| 3 | Involvement of Opioid Peptides in the Analgesic Effect of Spinal Cord Stimulation in a Rat Model of Neuropathic Pain. Neuroscience Bulletin, 2022, 38, 403-416. | 2.9 | 6 |
| 4 | Oxytocin and arginine vasopressin: a bridge between acupuncture and autism spectrum disorder. Medical Review, 2022, . | 1.2 | 0 |
| 5 | Effect of Acupoint Hot Compress on Postpartum Urinary Retention After Vaginal Delivery. JAMA Network Open, 2022, 5, e2213261. | 5.9 | 4 |
| 6 | Postnatal AVP treatments prevent social deficit in adolescence of valproic acid-induced rat autism model. Peptides, 2021, 137, 170493. | 2.4 | 9 |
| 7 | A Proposal to Add a New Dedicated Chapter in ICD-11: Disorders Related to Chronic Pain. Pain Medicine, 2020, 21, 436-438. | 1.9 | 3 |
| 8 | Responses of Primary Afferent Fibers to Acupuncture-Like Peripheral Stimulation at Different Frequencies: Characterization by Single-Unit Recording in Rats. Neuroscience Bulletin, 2020, 36, 907-918. | 2.9 | 16 |
| 9 | Prevalence of Autism Spectrum Disorder in China: A Nationwide Multi-center Population-based Study Among Children Aged 6 to 12 Years. Neuroscience Bulletin, 2020, 36, 961-971. | 2.9 | 179 |
| 10 | Pain Relief during Oocyte Retrieval by Transcutaneous Electrical Acupoint Stimulation: A Single-Blinded, Randomized, Controlled Multicenter Trial. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-8. | 1.2 | 2 |
| 11 | Transcutaneous Electrical Acupoint Stimulation in Early Life Changes Synaptic Plasticity and Improves Symptoms in a Valproic Acid-Induced Rat Model of Autism. Neural Plasticity, 2020, 2020, 1-14. | 2.2 | 18 |
| 12 | Altered Behaviors and Impaired Synaptic Function in a Novel Rat Model With a Complete Shank3 Deletion. Frontiers in Cellular Neuroscience, 2019, 13, 111. | 3.7 | 38 |
| 13 | Chinese children with autism: A multiple chemical elements profile in erythrocytes. Autism Research, 2018, 11, 834-845. | 3.8 | 13 |
| 14 | Development of an Autism Subtyping Questionnaire Based on Social Behaviors. Neuroscience Bulletin, 2018, 34, 789-800. | 2.9 | 12 |
| 15 | Neonatal Oxytocin Treatment Ameliorates Autistic-Like Behaviors and Oxytocin Deficiency in Valproic Acid-Induced Rat Model of Autism. Frontiers in Cellular Neuroscience, 2018, 12, 355. | 3.7 | 55 |
| 16 | Heteromerization of Î¼-opioid receptor and cholecystokinin B receptor through the third transmembrane domain of the Î¼-opioid receptor contributes to the anti-opioid effects of cholecystokinin octapeptide. Experimental and Molecular Medicine, 2018, 50, 1-16. | 7.7 | 24 |
| 17 | Genes Related to Oxytocin and Arginine-Vasopressin Pathways: Associations with Autism Spectrum Disorders. Neuroscience Bulletin, 2017, 33, 238-246. | 2.9 | 55 |
| 18 | Use of electroacupuncture and transcutaneous electrical acupoint stimulation in reproductive medicine: a group consensus. Journal of Zhejiang University: Science B, 2017, 18, 186-193. | 2.8 | 60 |

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|---|---|---|---|
| 19 | The Role of the Oxytocin/Arginine Vasopressin System in Animal Models of Autism Spectrum Disorder. Advances in Anatomy, Embryology and Cell Biology, 2017, 224, 135-158. | 1.6 | 14 |
| 20 | A Volumetric and Functional Connectivity MRI Study of Brain Arginine-Vasopressin Pathways in Autistic Children. Neuroscience Bulletin, 2017, 33, 130-142. | 2.9 | 33 |
| 21 | Effects of chronic restraint stress on social behaviors and the number of hypothalamic oxytocin neurons in male rats. Neuropeptides, 2016, 60, 21-28. | 2.2 | 16 |
| 22 | Over-expression of the GluN2B subunit in the forebrain facilitates the acquisition of morphine-related positive and aversive memory in rats. Behavioural Brain Research, 2016, 311, 416-424. | 2.2 | 3 |
| 23 | Plasma Oxytocin and Arginine-Vasopressin Levels in Children with Autism Spectrum Disorder in China: Associations with Symptoms. Neuroscience Bulletin, 2016, 32, 423-432. | 2.9 | 77 |
| 24 | Transcutaneous Electrical Acupoint Stimulation for the Treatment of Withdrawal Syndrome in Heroin Addicts. Pain Medicine, 2015, 16, 839-848. | 1.9 | 15 |
| 25 | NAc Shell Arc/Arg3.1 Protein Mediates Reconsolidation of Morphine CPP by Increased GluR1 Cell Surface Expression: Activation of ERK-Coupled CREB is Required. International Journal of Neuropsychopharmacology, 2015, 18, pyv030. | 2.1 | 48 |
| 26 | Electro-acupuncture improves the social interaction behavior of rats. Physiology and Behavior, 2015, 151, 485-493. | 2.1 | 23 |
| 27 | Prenatal hyperandrogenic environment induced autistic-like behavior in rat offspring. Physiology and Behavior, 2015, 138, 13-20. | 2.1 | 56 |
| 28 | Lowâ€•and highâ€frequency transcutaneous electrical acupoint stimulation induces different effects on cerebral Î¼â€opioid receptor availability in rhesus monkeys. Journal of Neuroscience Research, 2014, 92, 555-563. | 2.9 | 35 |
| 29 | Genomewide Analysis of Rat Periaqueductal Gray-Dorsal Horn Reveals Time-, Region- and Frequency-Specific mRNA Expression Changes in Response to Electroacupuncture Stimulation. Scientific Reports, 2014, 4, 6713. | 3.3 | 11 |
| 30 | Antiopioid Peptides. , 2013, , 1543-1549. | | 0 |
| 31 | Mothers of Autistic Children: Lower Plasma Levels of Oxytocin and Arg-Vasopressin and a Higher Level of Testosterone. PLoS ONE, 2013, 8, e74849. | 2.5 | 42 |
| 32 | Manipulation of and Sustained Effects on the Human Brain Induced by Different Modalities of Acupuncture: An fMRI Study. PLoS ONE, 2013, 8, e66815. | 2.5 | 46 |
| 33 | Catechol-O-methyltransferase polymorphisms do not play a significant role in pain perception in male Chinese Han population. Physiological Genomics, 2012, 44, 318-328. | 2.3 | 11 |
| 34 | Transcutaneous electrical acupoint stimulation in children with autism and its impact on plasma levels of arginine-vasopressin and oxytocin: A prospective single-blinded controlled study. Research in Developmental Disabilities, 2012, 33, 1136-1146. | 2.2 | 49 |
| 35 | Differences in Neural-Immune Gene Expression Response in Rat Spinal Dorsal Horn Correlates with Variations in Electroacupuncture Analgesia. PLoS ONE, 2012, 7, e42331. | 2.5 | 13 |
| 36 | Electroacupuncture frequencyâ€related transcriptional response in rat arcuate nucleus revealed regionâ€distinctive changes in response to lowâ€•and highâ€frequency electroacupuncture. Journal of Neuroscience Research, 2012, 90, 1464-1473. | 2.9 | 25 |

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|---|---|---|---|
| 37 | Thirty minute transcutaneous electric acupoint stimulation modulates resting state brain activities: A perfusion and BOLD fMRI study. Brain Research, 2012, 1457, 13-25. | 2.2 | 25 |
| 38 | Acupuncture analgesia: Areas of consensus and controversy. Pain, 2011, 152, S41-S48. | 4.2 | 237 |
| 39 | Acupuncture-related techniques for the treatment of opiate addiction: a case of translational medicine. Frontiers of Medicine, 2011, 5, 141-150. | 3.4 | 12 |
| 40 | Global trends and performances of acupuncture research. Neuroscience and Biobehavioral Reviews, 2011, 35, 680-687. | 6.1 | 158 |
| 41 | Electroacupuncture of 2â€‰Hz Has a Rewarding Effect: Evidence from a Conditioned Place Preference Study in Rats. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-6. | 1.2 | 8 |
| 42 | Damage of Splenic T Lymphocyte Proliferation and Differentiation and Its Normalization by Electroacupuncture in Morphine-Dependent Mice Mode. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-5. | 1.2 | 7 |
| 43 | Morphine-induced conditioned place preference in rats is inhibited by electroacupuncture at 2ÂHz: Role of enkephalin in the nucleus accumbens. Neuropharmacology, 2010, 58, 233-240. | 4.1 | 42 |
| 44 | Acupuncture Research Is Part of My Life. Pain Medicine, 2009, 10, 611-618. | 1.9 | 7 |
| 45 | Introduction. Cellular and Molecular Neurobiology, 2008, 28, 5-7. | 3.3 | 0 |
| 46 | The Neuroscience Research Institute at Peking University: A Place for the Solution of Pain and Drug Abuse. Cellular and Molecular Neurobiology, 2008, 28, 13-19. | 3.3 | 4 |
| 47 | Electroacupuncture Reduces Voluntary Alcohol Intake in Alcohol-preferring Rats via an Opiate-sensitive Mechanism. Neurochemical Research, 2008, 33, 2166-2170. | 3.3 | 16 |
| 48 | Peripheral electrical stimulation-induced suppression of morphine-induced CCP in rats: A role for dopamine in the nucleus accumbens. Brain Research, 2008, 1212, 63-70. | 2.2 | 12 |
| 49 | Long-term synaptic plasticity in the spinal dorsal horn and its modulation by electroacupuncture in rats with neuropathic pain. Experimental Neurology, 2007, 208, 323-332. | 4.1 | 111 |
| 50 | Peripheral electrical stimulation reversed the cell size reduction and increased BDNF level in the ventral tegmental area in chronic morphine-treated rats. Brain Research, 2007, 1182, 90-98. | 2.2 | 61 |
| 51 | Orphanin FQ Antagonizes the Inhibition of Ca<SUP>2+</SUP> Currents Induced by Âμ-Opioid Receptors. Journal of Molecular Neuroscience, 2005, 25, 021-028. | 2.3 | 12 |
| 52 | Decreased dynorphin A (1â€“17) in the spinal cord of spastic rats after the compressive injury. Brain Research Bulletin, 2005, 67, 189-195. | 3.0 | 28 |
| 53 | Coding of peripheral electrical stimulation frequency in thalamocortical pathways. Experimental Neurology, 2005, 196, 138-152. | 4.1 | 15 |
| 54 | Electroacupuncture Facilitates Recovery of Male Sexual Behavior in Morphine Withdrawal Rats. Neurochemical Research, 2004, 29, 397-401. | 3.3 | 16 |

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| 55 | Suppression of neuropathic pain by peripheral electrical stimulation in rats: Î¼-opioid receptor and NMDA receptor implicated. Experimental Neurology, 2004, 187, 23-29. | 4.1 | 39 |
| 56 | Acupuncture and endorphins. Neuroscience Letters, 2004, 361, 258-261. | 2.1 | 662 |
| 57 | Acupuncture: neuropeptide release produced by electrical stimulation of different frequencies. Trends in Neurosciences, 2003, 26, 17-22. | 8.6 | 881 |
| 58 | Modulation of cold pain in human brain by electric acupoint stimulation: evidence from fMRI. NeuroReport, 2003, 14, 1591-1596. | 1.2 | 55 |
| 59 | The effect of genotype on sensitivity to electroacupuncture analgesia. Pain, 2001, 91, 5-13. | 4.2 | 50 |
| 60 | NIH 3T3 cells or engineered NIH 3T3 cells stably expressing GDNF can protect primary dopaminergic neurons. Neurological Research, 2000, 22, 538-544. | 1.3 | 8 |
| 61 | Effect of nocistatin in pain modulation. Science Bulletin, 2000, 45, 716-720. | 1.7 | 0 |
| 62 | Synergistic effect of cholecystokinin octapeptide and angiotensin II in reversal of morphine induced analgesia in rats. Pain, 2000, 85, 465-469. | 4.2 | 18 |
| 63 | Relationship between the analgesic effect of electroacupuncture and CCK-8 content in spinal perfusate in rats. Science Bulletin, 1999, 44, 240-243. | 1.7 | 8 |
| 64 | Suppression of morphine withdrawal by electroacupuncture in rats: dynorphin and Î²-opioid receptor implicated. Brain Research, 1999, 851, 290-296. | 2.2 | 68 |
| 65 | Endomorphin-1 mediates 2 Hz but not 100 Hz electroacupuncture analgesia in the rat. Neuroscience Letters, 1999, 274, 75-78. | 2.1 | 137 |
| 66 | Endogenous orphanin FQ: evidence for a role in the modulation of electroacupuncture analgesia and the development of tolerance to analgesia produced by morphine and electroacupuncture. British Journal of Pharmacology, 1998, 124, 21-26. | 5.4 | 67 |
| 67 | Electro-acupuncture-mediated gene transfer. Science in China Series C: Life Sciences, 1998, 41, 555-560. | 1.3 | 1 |
| 68 | Electroacupuncture: mechanisms and clinical application. Biological Psychiatry, 1998, 44, 129-138. | 1.3 | 612 |
| 69 | Physiology of Acupuncture: Review of Thirty Years of Research. Journal of Alternative and Complementary Medicine, 1997, 3, s-101-s-108. | 2.1 | 30 |
| 70 | Cholecystokinin antisense RNA increases the analgesic effect induced by electroacupuncture or low dose morphine: conversion of low responder rats into high responders. Pain, 1997, 71, 71-80. | 4.2 | 97 |
| 71 | Cholecystokinin (CCK): Negative feedback control for opioid analgesia. Behavioral and Brain Sciences, 1997, 20, 451-451. | 0.7 | 5 |
| 72 | Bidirectional modulatory effect of orphanin FQ on morphineâ€induced analgesia: antagonism in brain and potentiation in spinal cord of the rat. British Journal of Pharmacology, 1997, 120, 676-680. | 5.4 | 215 |

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| 73 | GDNF cDNA-engineered NIH 3T3 cells protect primary dopaminergic neurons. Science Bulletin, 1997, 42, 1921-1925. | 1.7 | 3 |
| 74 | From acupuncture analgesia to Heroin Detoxification. , 1997, 3, 311-312. | | 0 |
| 75 | Cholecystokinin octapeptide reverses the Î¹-opioid-receptor-mediated depression of calcium current in rat dorsal root ganglion neurons. Brain Research, 1996, 730, 207-211. | 2.2 | 71 |
| 76 | Cholecystokinin Octapeptide Reverses the Inhibitory Effect Induced by Electroacupuncture on C-Fiber Evoked Discharges. International Journal of Neuroscience, 1996, 86, 241-247. | 1.6 | 7 |
| 77 | Changes in the Content of Immunoreactive Dynorphin in Dorsal and Ventral Spinal Cord of the Rat in three Different Conditions. International Journal of Neuroscience, 1995, 82, 95-104. | 1.6 | 8 |
| 78 | Comparative Study of the Analgesic and Paralytic Effects Induced by Intrathecal Dynorphin a in Rats. International Journal of Neuroscience, 1995, 82, 83-93. | 1.6 | 7 |
| 79 | Chapter 25 Cholecystokinin octapeptide (CCK-8): a negative feedback control mechanism for opioid analgesia. Progress in Brain Research, 1995, 105, 263-271. | 1.4 | 48 |
| 80 | Study for the mechanisms of acupuncture analgesia. , 1995, 1, 63-67. | | 1 |
| 81 | Scientific study may pave the way for the use of acupuncture in pain medicine. APS Journal, 1994, 3, 92-95. | 0.2 | 1 |
| 82 | Cholecystokinin gene expression in rat amygdaloid neurons: normal distribution and effect of morphine tolerance. Molecular Brain Research, 1994, 21, 183-189. | 2.3 | 76 |
| 83 | Effects of Capsaicin on Fos Expression Evoked by Formalin and Electroacupuncture Stimulation in the Rat Spinal Cord. Pain Research, 1994, 9, 37-47. | 0.1 | 5 |
| 84 | Reversal of Electroacupuncture Tolerance by Cck-8 Antiserum: An Electrophysiological Study on Pain-Related Neurons in Nucleus Parafascicularis of the Rat. International Journal of Neuroscience, 1993, 72, 15-29. | 1.6 | 29 |
| 85 | Electroacupuncture Accelerated the Expression of C-Fos Protooncogene in Dopaminergic Neurons in the Ventral Tegmental Area of the Rat. International Journal of Neuroscience, 1993, 70, 217-222. | 1.6 | 13 |
| 86 | Induction of C-Fos Expression in the Rostral Medulla of Rats Following Electroacupuncture Stimulation. International Journal of Neuroscience, 1993, 72, 183-191. | 1.6 | 13 |
| 87 | Acupuncture and Stimulation Produced Analgesia. Handbook of Experimental Pharmacology, 1993, , 105-125. | 1.8 | 18 |
| 88 | Brief Communication: Intrathecally Injected Antibody Can Diffuse Into Spinal Cord. International Journal of Neuroscience, 1992, 65, 155-159. | 1.6 | 3 |
| 89 | Comparison of the Antinociceptive Effects Induced by Electroacupuncture and Transcutaneous Electrical Nerve Stimulation in the Rat. International Journal of Neuroscience, 1992, 65, 117-129. | 1.6 | 97 |
| 90 | Antinociception Produced by 2 and 5 kHz Peripheral Stimulation in the Rat. International Journal of Neuroscience, 1992, 64, 15-22. | 1.6 | 14 |

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| 91 | Electroacupuncture Accelerated the Expression of C-Fos Protooncogene in Serotonergic Neurons of Nucleus. International Journal of Neuroscience, 1992, 67, 111-117. | 1.6 | 16 |
| 92 | Accelerated expression of cholecystokinin gene in the brain of rats rendered tolerant to morphine. NeuroReport, 1992, 3, 1121-1123. | 1.2 | 96 |
| 93 | Mobilization of calcium from intracellular stores as one of the mechanisms underlying the antiopioid effect of cholecystokinin octapeptide. Peptides, 1992, 13, 947-951. | 2.4 | 87 |
| 94 | Analgesia induced by electroacupuncture of different frequencies is mediated by different types of opioid receptors: another cross-tolerance study. Behavioural Brain Research, 1992, 47, 143-149. | 2.2 | 189 |
| 95 | All three types of opioid receptors in the spinal cord are important for 2/15 Hz electroacupuncture analgesia. European Journal of Pharmacology, 1992, 211, 203-210. | 3.5 | 124 |
| 96 | Modification by Cholecystokinin Octapeptide of the Binding of?-, ?-, andK-Opioid Receptors. Journal of Neurochemistry, 1990, 55, 1379-1382. | 3.9 | 111 |
| 97 | The role of periaqueductal gray in mediation of analgesia produced by different frequencies electroacupuncture stimulation in rats. International Journal of Neuroscience, 1990, 53, 167-172. | 1.6 | 42 |
| 98 | Habenula as a Relay in the Descending Pathway from Nucleus Accumbens to Periaqueductal Grey Subserving Antinociception. International Journal of Neuroscience, 1990, 54, 245-251. | 1.6 | 33 |
| 99 | Peptide antagonist of delta-opioid receptor attenuates inhibition of spinal nociceptive reflex induced by stimulation of arcuate nucleus of the hypothalamus. Peptides, 1990, 11, 1045-1047. | 2.4 | 3 |
| 100 | Analgesic electrical stimulation of the hypothalamic arcuate nucleus: tolerance and its cross-tolerance to 2 Hz or 100 Hz electroacupuncture. Brain Research, 1990, 518, 40-46. | 2.2 | 16 |
| 101 | The arcuate nucleus of hypothalamus mediates low but not high frequency electroacupuncture analgesia in rats. Brain Research, 1990, 513, 60-66. | 2.2 | 87 |
| 102 | Cholecystokinin octapeptide antagonized opioid analgesia mediated by Î¼- and Îº- but not Î´-receptors in the spinal cord of the rat. Brain Research, 1990, 523, 5-10. | 2.2 | 113 |
| 103 | Diencephalon as a cardinal neural structure for mediating 2 Hz- but not 100 Hz-electroacupuncture-induced tail flick reflex suppression. Behavioural Brain Research, 1990, 37, 149-156. | 2.2 | 15 |
| 104 | Involvement of Arcuate Nucleus of Hypothalamus in the Descending Pathway from Nucleus Accumbens to Periaqueductal Grey Subserving an Antinociceptive Effect. International Journal of Neuroscience, 1989, 48, 71-78. | 1.6 | 25 |
| 105 | A mesolimbic neuronal loop of analgesia: I. Activation by morphine of a serotonergic pathway from periaqueductal gray to nucleus accumbens. International Journal of Neuroscience, 1986, 29, 109-117. | 1.6 | 39 |
| 106 | Is cholecystokinin octapeptide (CCK-8) a candidate for endogenous antiopioid substrates?. Neuropeptides, 1985, 5, 399-402. | 2.2 | 96 |
| 107 | Analgesia induced by intrathecal injection of dynorphin B in the rat. Life Sciences, 1984, 34, 1573-1579. | 4.3 | 50 |
| 108 | Dynorphin: Important mediator for electroacupuncture analgesia in the spinal cord of the rabbit. Pain, 1984, 18, 367-376. | 4.2 | 109 |

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|---|---|---|---|
| 109 | Tolerance to Electroacupuncture Analgesia was Reversed by Microinjection of 5-Hydroxytryptophan into Nuclei Accumbens in the Rabbit. International Journal of Neuroscience, 1982, 17, 157-161. | 1.6 | 6 |
| 110 | Dynorphin: Potent analgesic effect in spinal cord of the rat. Life Sciences, 1982, 31, 1781-1784. | 4.3 | 106 |