

Tony L Yaksh

List of Publications by Year in descending order

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Version: 2024-02-01

240
papers

17,790
citations

12322

69
h-index

15249

126
g-index

258
all docs

258
docs citations

258
times ranked

9801
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of neurotoxicity and long-term function and behavior following intrathecal 1 % 2-chloroprocaine in juvenile rats. <i>NeuroToxicology</i> , 2022, 88, 155-167.	1.4	2
2	DRGquant: A new modular AI-based pipeline for 3D analysis of the DRG. <i>Journal of Neuroscience Methods</i> , 2022, 371, 109497.	1.3	11
3	Junctional instability in neuroepithelium and network hyperexcitability in a focal cortical dysplasia human model. <i>Brain</i> , 2022, 145, 1962-1977.	3.7	9
4	Sex-Specific B Cell and Anti-Myelin Autoantibody Response After Peripheral Nerve Injury. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 835800.	1.8	3
5	Long-lasting analgesia via targeted in situ repression of Na ^v 1.7 in mice. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	56
6	Normalization of cholesterol metabolism in spinal microglia alleviates neuropathic pain. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	51
7	Sexual Dimorphism in the Expression of Pain Phenotype in Preclinical Models of Rheumatoid Arthritis. <i>Rheumatic Disease Clinics of North America</i> , 2021, 47, 245-264.	0.8	4
8	Treating osteoarthritis pain: mechanisms of action of acetaminophen, nonsteroidal anti-inflammatory drugs, opioids, and nerve growth factor antibodies. <i>Postgraduate Medicine</i> , 2021, 133, 879-894.	0.9	30
9	Sex differences in neuroimmune and glial mechanisms of pain. <i>Pain</i> , 2021, 162, 2186-2200.	2.0	58
10	Systematic Review of Systemic and Neuraxial Effects of Acetaminophen in Preclinical Models of Nociceptive Processing. <i>Journal of Pain Research</i> , 2021, Volume 14, 3521-3552.	0.8	6
11	Repeated Low-Dose Acrolein Triggers Irreversible Lamina Propria Edema in Urinary Bladder, Transient Voiding Behavior and Widening of Eyes to Mechanical Stimuli. <i>Cells</i> , 2021, 10, 3477.	1.8	0
12	Lipid rafts in glial cells: role in neuroinflammation and pain processing. <i>Journal of Lipid Research</i> , 2020, 61, 655-666.	2.0	55
13	Role of neuraxial drug delivery in cancer pain therapy. <i>Future Drug Discovery</i> , 2020, 2, FDD49.	0.8	0
14	The neuropathic phenotype of the K/BxN transgenic mouse with spontaneous arthritis: pain, nerve sprouting and joint remodeling. <i>Scientific Reports</i> , 2020, 10, 15596.	1.6	10
15	A myelin basic protein fragment induces sexually dimorphic transcriptome signatures of neuropathic pain in mice. <i>Journal of Biological Chemistry</i> , 2020, 295, 10807-10821.	1.6	15
16	Pharmacodynamics of intrathecal and epidural fadolmidine, an α_2 -adrenoceptor agonist, after bolus and infusion in dogs—comparison with clonidine. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1459-1473.	1.4	3
17	Topical Application of ASN008, a Permanently-charged Sodium Channel Blocker, Shows Robust Efficacy, a Rapid Onset and Long Duration of Action in a Mouse Model of Pruritus. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 374, jpet.120.265074.	1.3	1
18	Unintended consequences of COVID-19 safety measures on patients with chronic knee pain forced to defer joint replacement surgery. <i>Pain Reports</i> , 2020, 5, e855.	1.4	35

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19	Frontiers in Pain Research: A Scope of Its Focus and Content. <i>Frontiers in Pain Research</i> , 2020, 1, 601528.	0.9	2
20	Role of Toll-like receptor 4 signaling in mast cell-mediated migraine pain pathway. <i>Molecular Pain</i> , 2019, 15, 174480691986784.	1.0	29
21	Spinal Exparel®'s an extended duration of preclinical study needed. <i>British Journal of Anaesthesia</i> , 2019, 122, 298-300.	1.5	3
22	Characterization of Effect of Repeated Bolus or Continuous Intrathecal Infusion of Morphine on Spinal Mass Formation in the Dog. <i>Neuromodulation</i> , 2019, 22, 790-798.	0.4	15
23	Characterization of Analgesic Actions of the Chronic Intrathecal Infusion of H-Dmt-D-Arg-Phe-Lys-NH ₂ in Rat. <i>Neuromodulation</i> , 2019, 22, 781-789.	0.4	5
24	Nerve growth factor antibody for the treatment of osteoarthritis pain and chronic low-back pain: mechanism of action in the context of efficacy and safety. <i>Pain</i> , 2019, 160, 2210-2220.	2.0	78
25	Mast Cell Degranulation and Fibroblast Activation in the Morphine-induced Spinal Mass. <i>Anesthesiology</i> , 2019, 131, 132-147.	1.3	24
26	Botulinum toxin blocks mast cells and prevents rosacea like inflammation. <i>Journal of Dermatological Science</i> , 2019, 93, 58-64.	1.0	52
27	Characterization of the antinociceptive effects of intrathecal DALDA peptides following bolus intrathecal delivery. <i>Scandinavian Journal of Pain</i> , 2019, 19, 193-206.	0.5	3
28	Neuraxial TNF and IFN-beta co-modulate persistent allodynia in arthritic mice. <i>Brain, Behavior, and Immunity</i> , 2019, 76, 151-158.	2.0	17
29	Unilateral Epidural Targeting of Resiniferatoxin Induces Bilateral Neurolysis of Spinal Nociceptive Afferents. <i>Pain Medicine</i> , 2019, 20, 897-906.	0.9	11
30	Letter to Editor re: "Unique Intradural Inflammatory Mass Containing Precipitated Morphine" by Kim et al.. <i>Pain Practice</i> , 2019, 19, 456-456.	0.9	1
31	Neuraxial Cytokines in Pain States. <i>Frontiers in Immunology</i> , 2019, 10, 3061.	2.2	88
32	Origins of antidromic activity in sensory afferent fibers and neurogenic inflammation. <i>Seminars in Immunopathology</i> , 2018, 40, 237-247.	2.8	42
33	Toxicology Evaluation of Drugs Administered via Uncommon Routes: Intranasal, Intraocular, Intrathecal/Intraspinal, and Intra-Articular. <i>International Journal of Toxicology</i> , 2018, 37, 4-27.	0.6	54
34	Target engagement and histopathology of neuraxial resiniferatoxin in dog. <i>Veterinary Anaesthesia and Analgesia</i> , 2018, 45, 212-226.	0.3	15
35	Rapid continuous 3D printing of customizable peripheral nerve guidance conduits. <i>Materials Today</i> , 2018, 21, 951-959.	8.3	173
36	Effects of opioid and nonopioid analgesics on canine wheal formation and cultured human mast cell degranulation. <i>Toxicology and Applied Pharmacology</i> , 2018, 338, 54-64.	1.3	12

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37	Development of New Analgesics: An Answer to Opioid Epidemic. Trends in Pharmacological Sciences, 2018, 39, 1000-1002.	4.0	12
38	Structural homology of myelin basic protein and muscarinic acetylcholine receptor: Significance in the pathogenesis of complex regional pain syndrome. Molecular Pain, 2018, 14, 174480691881500.	1.0	8
39	Evolution of the Spinal Delivery of Opiate Analgesics. , 2018, , 803-817.		0
40	Inhibition of spinal 15-LOX-1 attenuates TLR4-dependent, nonsteroidal anti-inflammatory drug-unresponsive hyperalgesia in male rats. Pain, 2018, 159, 2620-2629.	2.0	12
41	Inhibition of Neuroinflammation by AIBP: Spinal Effects upon Facilitated Pain States. Cell Reports, 2018, 23, 2667-2677.	2.9	51
42	A Study and Review of Effects of Botulinum Toxins on Mast Cell Dependent and Independent Pruritus. Toxins, 2018, 10, 134.	1.5	12
43	Complexity of systems and actions underlying neurogenic inflammation. Seminars in Immunopathology, 2018, 40, 225-228.	2.8	3
44	Targeting toll-like receptor-4 (TLR4) an emerging therapeutic target for persistent pain states. Pain, 2018, 159, 1908-1915.	2.0	88
45	An overview of pathways encoding nociception. Clinical and Experimental Rheumatology, 2018, 36, 172.	0.4	10
46	The Polyanalgesic Consensus Conference (PACC): Recommendations on Intrathecal Drug Infusion Systems Best Practices and Guidelines. Neuromodulation, 2017, 20, 96-132.	0.4	241
47	Pharmacology, pharmacokinetics, and metabolism of the DNA-decoy AYL1 for the prevention of acute and chronic post-surgical pain. Molecular Pain, 2017, 13, 174480691770311.	1.0	9
48	Characterization of the Effects of L-4-Chlorokynurenine on Nociception in Rodents. Journal of Pain, 2017, 18, 1184-1196.	0.7	16
49	Editor's Highlight: Formulation and Toxicology Evaluation of the Intrathecal AYL1 DNA-Decoy in Sprague Dawley Rats. Toxicological Sciences, 2017, 159, 76-85.	1.4	5
50	Effect of intrathecal glucocorticoids on the central glucocorticoid receptor in a rat nerve ligation model. Scandinavian Journal of Pain, 2017, 16, 1-9.	0.5	5
51	The Polyanalgesic Consensus Conference (PACC): Recommendations for Intrathecal Drug Delivery: Guidance for Improving Safety and Mitigating Risks. Neuromodulation, 2017, 20, 155-176.	0.4	121
52	Basic/Translational Development of Forthcoming Opioid- and Nonopioid-Targeted Pain Therapeutics. Anesthesia and Analgesia, 2017, 125, 1714-1732.	1.1	34
53	Reciprocal relationship between membrane type 1 matrix metalloproteinase and the algogenic peptides of myelin basic protein contributes to chronic neuropathic pain. Brain, Behavior, and Immunity, 2017, 60, 282-292.	2.0	21
54	Current and Future Issues in the Development of Spinal Agents for the Management of Pain. Current Neuropharmacology, 2017, 15, 232-259.	1.4	57

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55	An overview of pathways encoding nociception. <i>Clinical and Experimental Rheumatology</i> , 2017, 35 Suppl 107, 40-46.	0.4	24
56	Systemic TAK-242 prevents intrathecal LPS evoked hyperalgesia in male, but not female mice and prevents delayed allodynia following intraplantar formalin in both male and female mice: The role of TLR4 in the evolution of a persistent pain state. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 271-280.	2.0	58
57	Identification of Psychoactive Degradants of Cannabidiol in Simulated Gastric and Physiological Fluid. <i>Cannabis and Cannabinoid Research</i> , 2016, 1, 102-112.	1.5	84
58	Primary Hydromorphone-Related Intrathecal Catheter Tip Granulomas: Is There a Role for Dose and Concentration?. <i>Neuromodulation</i> , 2016, 19, 760-769.	0.4	23
59	Ethical Concerns Regarding Human Study. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 866-866.	1.9	3
60	Intrathecal Catheterization and Drug Delivery in Guinea Pigs. <i>Anesthesiology</i> , 2016, 125, 378-394.	1.3	17
61	Effects of intraplantar botulinum toxin on carrageenan-induced changes in nociception and spinal phosphorylation of GluA1 and Akt. <i>European Journal of Neuroscience</i> , 2016, 44, 1714-1722.	1.2	6
62	The Emerging Role of Spinal Dynorphin in Chronic Pain: A Therapeutic Perspective. <i>Annual Review of Pharmacology and Toxicology</i> , 2016, 56, 511-533.	4.2	45
63	Analgesic properties of intrathecal glucocorticoids in three well established preclinical pain models. <i>Scandinavian Journal of Pain</i> , 2016, 10, 90-102.	0.5	7
64	Spinal activity of interleukin 6 mediates myelin basic protein-induced allodynia. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 378-389.	2.0	24
65	Role of myelin auto-antigens in pain: a female connection. <i>Neural Regeneration Research</i> , 2016, 11, 890.	1.6	17
66	The Effects of Intraplantar and Intrathecal Botulinum Toxin Type B on Tactile Allodynia in Mono and Polyneuropathy in the Mouse. <i>Anesthesia and Analgesia</i> , 2015, 121, 229-238.	1.1	9
67	Current Status and Future Directions of Botulinum Neurotoxins for Targeting Pain Processing. <i>Toxins</i> , 2015, 7, 4519-4563.	1.5	61
68	The search for novel analgesics: targets and mechanisms. <i>F1000prime Reports</i> , 2015, 7, 56.	5.9	83
69	Botulinum toxin in migraine: Role of transport in trigemino-somatic and trigemino-vascular afferents. <i>Neurobiology of Disease</i> , 2015, 79, 111-122.	2.1	32
70	Therapeutic use of botulinum toxin in migraine: mechanisms of action. <i>British Journal of Pharmacology</i> , 2014, 171, 4177-4192.	2.7	78
71	TRPV1 expression regulation: A further step in defining its biology. <i>Neuroscience Letters</i> , 2014, 578, 209-210.	1.0	0
72	Toll-like receptor signaling regulates cisplatin-induced mechanical allodynia in mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2014, 73, 25-34.	1.1	52

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73	Botulinum toxin B in the sensory afferent: Transmitter release, spinal activation, and pain behavior. <i>Pain</i> , 2014, 155, 674-684.	2.0	62
74	Preclinical Toxicity Screening of Intrathecal Oxytocin in Rats and Dogs. <i>Anesthesiology</i> , 2014, 120, 951-961.	1.3	46
75	Bacteria get on your nerves. <i>Nature</i> , 2013, 501, 43-44.	13.7	7
76	Intrathecal P/Q- and R-type calcium channel blockade of spinal substance P release and c-Fos expression. <i>Neuropharmacology</i> , 2013, 75, 1-8.	2.0	24
77	A Survey of Systems Involved in Nociceptive Processing. , 2013, , 3-21.		2
78	Toll-like receptor signaling adapter proteins govern spread of neuropathic pain and recovery following nerve injury in male mice. <i>Journal of Neuroinflammation</i> , 2013, 10, 148.	3.1	88
79	Alfentanil: Correlations Between Absence of Effect Upon Subcutaneous Mast Cells and Absence of Granuloma Formation After Intrathecal Infusion in the Dog. <i>Neuromodulation</i> , 2013, 16, 459-466.	0.4	18
80	Intrathecal neurosteroids and a neurosteroid antagonist: Effects on inflammation-evoked thermal hyperalgesia and tactile allodynia. <i>Neuroscience Letters</i> , 2013, 548, 27-32.	1.0	20
81	Spinal Toll-like receptor signaling and nociceptive processing: Regulatory balance between TIRAP and TRIF cascades mediated by TNF and IFN γ . <i>Pain</i> , 2013, 154, 733-742.	2.0	37
82	Systematic analysis of rat 12/15-lipoxygenase enzymes reveals critical role for spinal eLOX3 hepoxilin synthase activity in inflammatory hyperalgesia. <i>FASEB Journal</i> , 2013, 27, 1939-1949.	0.2	40
83	Effects of Intrathecal SNC80, a Delta Receptor Ligand, on Nociceptive Threshold and Dorsal Horn Substance P Release. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 347, 258-264.	1.3	24
84	Intrathecal Substance P-Saporin in the Dog. <i>Anesthesiology</i> , 2013, 119, 1163-1177.	1.3	37
85	Persistent Hyperalgesia in the Cisplatin-Treated Mouse as Defined by Threshold Measures, the Conditioned Place Preference Paradigm, and Changes in Dorsal Root Ganglia Activated Transcription Factor 3. <i>Anesthesia and Analgesia</i> , 2013, 116, 224-231.	1.1	68
86	Role of Meningeal Mast Cells in Intrathecal Morphine-evoked Granuloma Formation. <i>Anesthesiology</i> , 2013, 118, 664-678.	1.3	46
87	Perineural Local Anesthetic and Adjuvant Action. <i>Regional Anesthesia and Pain Medicine</i> , 2012, 37, 366-368.	1.1	10
88	Spinal 12-lipoxygenase-derived hepoxilin A ₃ contributes to inflammatory hyperalgesia via activation of TRPV1 and TRPA1 receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6721-6726.	3.3	105
89	Characteristics of Distribution of Morphine and Metabolites in Cerebrospinal Fluid and Plasma with Chronic Intrathecal Morphine Infusion in Humans. <i>Anesthesia and Analgesia</i> , 2012, 115, 797-804.	1.1	23
90	Intrathecal Clonidine in the Neonatal Rat. <i>Anesthesia and Analgesia</i> , 2012, 115, 450-460.	1.1	44

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91	Polyanalgesic Consensus Conferenceâ€”2012: Recommendations to Reduce Morbidity and Mortality in Intrathecal Drug Delivery in the Treatment of Chronic Pain. <i>Neuromodulation</i> , 2012, 15, 467-482.	0.4	103
92	Neuraxial Analgesia in Neonates and Infants. <i>Anesthesia and Analgesia</i> , 2012, 115, 638-662.	1.1	89
93	Polyanalgesic Consensus Conferenceâ€”2012: Consensus on Diagnosis, Detection, and Treatment of Catheter-Tip Granulomas (Inflammatory Masses). <i>Neuromodulation</i> , 2012, 15, 483-496.	0.4	85
94	Polyanalgesic Consensus Conference 2012: Recommendations for the Management of Pain by Intrathecal (Intraspinal) Drug Delivery: Report of an Interdisciplinary Expert Panel. <i>Neuromodulation</i> , 2012, 15, 436-466.	0.4	241
95	Pharmacokinetic Analysis of Ziconotide (SNX-111), an Intrathecal N-Type Calcium Channel Blocking Analgesic, Delivered by Bolus and Infusion in the Dog. <i>Neuromodulation</i> , 2012, 15, 508-519.	0.4	43
96	Development and validation of an automated system for detection and assessment of scratching in the rodent. <i>Journal of Neuroscience Methods</i> , 2012, 211, 1-10.	1.3	7
97	K/BxN Serum Transfer Arthritis as a Model of Inflammatory Joint Pain. <i>Methods in Molecular Biology</i> , 2012, 851, 249-260.	0.4	23
98	Transient tactile allodynia following intrathecal puncture in mouse: Contributions of Toll-like receptor signaling. <i>Neuroscience Letters</i> , 2011, 504, 215-218.	1.0	9
99	A brief comparison of the pathophysiology of inflammatory versus neuropathic pain. <i>Current Opinion in Anaesthesiology</i> , 2011, 24, 400-407.	0.9	160
100	The Effects of Intrathecal and Systemic Gabapentin on Spinal Substance P Release. <i>Anesthesia and Analgesia</i> , 2011, 112, 971-976.	1.1	30
101	Care to wrestle with a Brazilian armed spider?. <i>Pain</i> , 2011, 152, 2193-2195.	2.0	0
102	Spinal TLR4 mediates the transition to a persistent mechanical hypersensitivity after the resolution of inflammation in serum-transferred arthritis. <i>Pain</i> , 2011, 152, 2881-2891.	2.0	123
103	Spinal Phosphoinositide 3-Kinaseâ€”Aktâ€”Mammalian Target of Rapamycin Signaling Cascades in Inflammation-Induced Hyperalgesia. <i>Journal of Neuroscience</i> , 2011, 31, 2113-2124.	1.7	117
104	Regulation of Spinal Substance P Release by Intrathecal Calcium Channel Blockade. <i>Anesthesiology</i> , 2011, 115, 153-164.	1.3	51
105	Spinal Botulinum Neurotoxin B: Effects on Afferent Transmitter Release and Nociceptive Processing. <i>PLoS ONE</i> , 2011, 6, e19126.	1.1	38
106	Role of spinal p38 β and \hat{I}^2 MAPK in inflammatory hyperalgesia and spinal COX-2 expression. <i>NeuroReport</i> , 2010, 21, 313-317.	0.6	26
107	Release of Prostaglandin E2 and Nitric Oxide from Spinal Microglia Is Dependent on Activation of p38 Mitogen-Activated Protein Kinase. <i>Anesthesia and Analgesia</i> , 2010, 111, 554-560.	1.1	43
108	The Pain State Arising From the Laminitic Horse: Insights Into Future Analgesic Therapies. <i>Journal of Equine Veterinary Science</i> , 2010, 30, 79-82.	0.4	10

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109	The need for a journal policy on intrathecal, epidural, and perineural administration of non-approved drugs. <i>Pain</i> , 2010, 149, 417-419.	2.0	25
110	Characterization of the acute and persistent pain state present in K/BxN serum transfer arthritis. <i>Pain</i> , 2010, 151, 394-403.	2.0	117
111	Inflammatory hyperalgesia induces essential bioactive lipid production in the spinal cord. <i>Journal of Neurochemistry</i> , 2010, 114, 981-993.	2.1	50
112	Validation of a Preclinical Spinal Safety Model. <i>Anesthesiology</i> , 2010, 113, 183-199.	1.3	45
113	Consent Contraindicated?. <i>Science</i> , 2010, 328, 45-45.	6.0	4
114	Pain mechanisms in animal models of rheumatoid arthritis. <i>Scandinavian Journal of Pain</i> , 2010, 1, 168-169.	0.5	0
115	Intrathecal Huperzine A increases thermal escape latency and decreases flinching behavior in the formalin test in rats. <i>Neuroscience Letters</i> , 2010, 470, 6-9.	1.0	18
116	Effects of Intrathecal Ketorolac on Human Experimental Pain. <i>Anesthesiology</i> , 2010, 112, 1216-1224.	1.3	47
117	Role of Spinal Cyclooxygenase in Human Postoperative and Chronic Pain. <i>Anesthesiology</i> , 2010, 112, 1225-1233.	1.3	46
118	Effects of Intrathecal Ketamine in the Neonatal Rat. <i>Anesthesiology</i> , 2010, 113, 147-159.	1.3	83
119	Behavioral Models of Pain States Evoked by Physical Injury to the Peripheral Nerve. <i>Neurotherapeutics</i> , 2009, 6, 609-619.	2.1	41
120	Development of a canine nociceptive thermal escape model. <i>Journal of Neuroscience Methods</i> , 2008, 168, 88-97.	1.3	40
121	Acetaminophen prevents hyperalgesia in central pain cascade. <i>Neuroscience Letters</i> , 2008, 442, 50-53.	1.0	29
122	Spinal antinociceptive action of loperamide is mediated by opioid receptors in the formalin test in rats. <i>Neuroscience Letters</i> , 2008, 448, 260-262.	1.0	7
123	Toxicology Profile of <i>N</i> -Methyl-d-aspartate Antagonists Delivered by Intrathecal Infusion in the Canine Model. <i>Anesthesiology</i> , 2008, 108, 938-949.	1.3	50
124	Profiling of lipid mediators released spinally in response to peripheral painful inflammation. <i>FASEB Journal</i> , 2008, 22, 1040.2.	0.2	0
125	An Assessment of the Antinociceptive Efficacy of Intrathecal and Epidural Contulakin-G in Rats and Dogs. <i>Anesthesia and Analgesia</i> , 2007, 104, 1505-1513.	1.1	41
126	Effect of Needle Combination on the Analgesic Efficacy of the Tendinomuscular Meridians (TMM) System. <i>Medical Acupuncture</i> , 2007, 19, 191-200.	0.3	5

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127	Inhibition of spinal constitutive NOS-2 by 1400W attenuates tissue injury and inflammation-induced hyperalgesia and spinal p38 activation. <i>European Journal of Neuroscience</i> , 2007, 25, 2964-2972.	1.2	44
128	FarmacologÃa central de la transmisiÃn nociceptiva. , 2007, , 379-423.		0
129	Ziconotide. <i>CNS Drugs</i> , 2006, 20, 340-341.	2.7	3
130	Descending serotonergic facilitation of spinal ERK activation and pain behavior. <i>FEBS Letters</i> , 2006, 580, 6629-6634.	1.3	81
131	Calcium Channels As Therapeutic Targets in Neuropathic Pain. <i>Journal of Pain</i> , 2006, 7, S13-S30.	0.7	128
132	Time Course and Role of Morphine Dose and Concentration in Intrathecal Granuloma Formation in Dogs. <i>Anesthesiology</i> , 2006, 105, 581-589.	1.3	83
133	Opiate Pharmacology of Intrathecal Granulomas. <i>Anesthesiology</i> , 2006, 105, 590-598.	1.3	82
134	Systemic and Intrathecal Effects of a Novel Series of Phospholipase A2 Inhibitors on Hyperalgesia and Spinal Prostaglandin E2 Release. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 466-475.	1.3	68
135	Central pharmacology of nociceptive transmission. , 2006, , 371-414.		44
136	Spinal p38 ^{Î²} isoform mediates tissue injury-induced hyperalgesia and spinal sensitization. <i>Journal of Neurochemistry</i> , 2005, 92, 1508-1520.	2.1	133
137	Spinal phospholipase A2 in inflammatory hyperalgesia: role of Group IVA cPLA2. <i>British Journal of Pharmacology</i> , 2005, 144, 940-952.	2.7	76
138	Inhibition by Spinal μ - and δ -Opioid Agonists of Afferent-Evoked Substance P Release. <i>Journal of Neuroscience</i> , 2005, 25, 3651-3660.	1.7	112
139	Resting and Evoked Spinal Substance P Release during Chronic Intrathecal Morphine Infusion: Parallels with Tolerance and Dependence. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 314, 1362-1369.	1.3	39
140	Intrathecal minocycline attenuates peripheral inflammation-induced hyperalgesia by inhibiting p38 MAPK in spinal microglia. <i>European Journal of Neuroscience</i> , 2005, 22, 2431-2440.	1.2	233
141	Anti-allodynic efficacy of the μ -conopeptide, Xen2174, in rats with neuropathic pain. <i>Pain</i> , 2005, 118, 112-124.	2.0	78
142	Tissue Injury Models of Persistent Nociception in Rats. , 2004, 99, 25-34.		38
143	Constitutive Spinal Cyclooxygenase-2 Participates in the Initiation of Tissue Injury-Induced Hyperalgesia. <i>Journal of Neuroscience</i> , 2004, 24, 2727-2732.	1.7	93
144	Nonopioid Actions of Intrathecal Dynorphin Evoke Spinal Excitatory Amino Acid and Prostaglandin E2 Release Mediated by Cyclooxygenase-1 and -2. <i>Journal of Neuroscience</i> , 2004, 24, 1451-1458.	1.7	67

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145	Galanin Acts at GalR1 Receptors in Spinal Antinociception: Synergy with Morphine and AP-5. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 574-582.	1.3	63
146	Intrathecal Protease-Activated Receptor Stimulation Produces Thermal Hyperalgesia through Spinal Cyclooxygenase Activity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 311, 356-363.	1.3	15
147	Semi-Quantitative Real-Time PCR for Pain Research. , 2004, 99, 225-238.		42
148	Intrathecal Ketorolac in Dogs and Rats. <i>Toxicological Sciences</i> , 2004, 80, 322-334.	1.4	45
149	A preclinical post laminectomy rat model mimics the human post laminectomy syndrome. <i>Journal of Neuroscience Methods</i> , 2004, 137, 283-289.	1.3	27
150	Galmic, a nonpeptide galanin receptor agonist, affects behaviors in seizure, pain, and forced-swim tests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10470-10475.	3.3	131
151	Cyclooxygenase inhibition in nerve-injury- and TNF-induced hyperalgesia in the rat. <i>Experimental Neurology</i> , 2004, 185, 160-168.	2.0	91
152	Preclinical Insights into the Implementation of Intrathecal Midazolam: A Cautionary Tale. <i>Anesthesia and Analgesia</i> , 2004, 98, 1509-1511.	1.1	36
153	The Use of Intrathecal Midazolam in Humans: A Case Study of Process. <i>Anesthesia and Analgesia</i> , 2004, 98, 1536-1545.	1.1	84
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