Judith A Strong

List of Publications by Year
in descending order

55 papers	2,899 citations	186265 28 h-index	175258 52 g-index
56 all docs	56 docs citations	56 times ranked	3480 citing authors

#	Article	IF	Citations
1	Single-nucleotide polymorphism in the human mu opioid receptor gene alters Î²-endorphin binding and activity: Possible implications for opiate addiction. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 9608-9613.	7.1	1,075
2	Neuropathic pain: Early spontaneous afferent activity is the trigger. Pain, 2005, 116, 243-256.	4.2	173
3	The Chemokine CXCL1/Growth Related Oncogene Increases Sodium Currents and Neuronal Excitability in Small Diameter Sensory Neurons. Molecular Pain, 2008, 4, 1744-8069-4-38.	2.1	120
4	Systemic Antiinflammatory Corticosteroid Reduces Mechanical Pain Behavior, Sympathetic Sprouting, and Elevation of Proinflammatory Cytokines in a Rat Model of Neuropathic Pain. Anesthesiology, 2007, 107, 469-477.	2.5	91
5	Knockdown of sodium channel NaV1.6 blocks mechanical pain and abnormal bursting activity of afferent neurons in inflamed sensory ganglia. Pain, 2013, 154, 1170-1180.	4.2	67
6	Genotype and smoking history affect risk of levodopa-induced dyskinesias in Parkinson's disease. Movement Disorders, 2006, 21, 654-659.	3.9	66
7	Bimodal effects of MK-801 on locomotion and stereotypy in C57BL/6 mice. Psychopharmacology, 2005, 177, 256-263.	3.1	62
8	Microarray Analysis of Rat Sensory Ganglia after Local Inflammation Implicates Novel Cytokines in Pain. PLoS ONE, 2012, 7, e40779.	2.5	54
9	Increased excitability and spontaneous activity of rat sensory neurons following in vitro stimulation of sympathetic fiber sprouts in the isolated dorsal root ganglion. Pain, 2010, 151, 447-459.	4.2	53
10	Mechanical Hypersensitivity, Sympathetic Sprouting, and Glial Activation Are Attenuated by Local Injection of Corticosteroid Near the Lumbar Ganglion in a Rat Model of Neuropathic Pain. Regional Anesthesia and Pain Medicine, 2011, 36, 56-62.	2.3	53
11	Local Inflammation in Rat Dorsal Root Ganglion Alters Excitability and Ion Currents in Small-diameter Sensory Neurons. Anesthesiology, 2007, 107, 322-332.	2.5	53
12	The weaver mutation changes the ion selectivity of the affected inwardly rectifying potassium channel GIRK2. FEBS Letters, 1996, 390, 63-68.	2.8	50
13	Endomorphins fully activate a cloned human mu opioid receptor. FEBS Letters, 1998, 439, 152-156.	2.8	49
14	Active Nerve Regeneration with Failed Target Reinnervation Drives Persistent Neuropathic Pain. ENeuro, 2017, 4, ENEURO.0008-17.2017.	1.9	49
15	High-fat diet increases pain behaviors in rats with or without obesity. Scientific Reports, 2017, 7, 10350.	3.3	46
16	NF-Î°B Mediated Enhancement of Potassium Currents by the Chemokine CXCL1/Growth Related Oncogene in Small Diameter Rat Sensory Neurons. Molecular Pain, 2009, 5, 1744-8069-5-26.	2.1	43
17	Increased Resurgent Sodium Currents in Nav1.8 Contribute to Nociceptive Sensory Neuron Hyperexcitability Associated with Peripheral Neuropathies. Journal of Neuroscience, 2019, 39, 1539-1550.	3.6	42
18	NavÎ²4 Regulates Fast Resurgent Sodium Currents and Excitability in Sensory Neurons. Molecular Pain, 2015, 11, s12990-015-0063.	2.1	40

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19	Function of Î³-Aminobutyric Acid Receptor/Channel Ï1 Subunits In Spinal Cord. Journal of Biological Chemistry, 2003, 278, 48321-48329.	3.4	39
20	Increased function of the TRPV1 channel in small sensory neurons after local inflammation or in vitro exposure to the pro-inflammatory cytokine GRO/KC. Neuroscience Bulletin, 2012, 28, 155-164.	2.9	39
21	Synchronized cluster firing, a distinct form of sensory neuron activation, drives spontaneous pain. Neuron, 2022, 110, 209-220.e6.	8.1	38
22	Localized Sympathectomy Reduces Mechanical Hypersensitivity by Restoring Normal Immune Homeostasis in Rat Models of Inflammatory Pain. Journal of Neuroscience, 2016, 36, 8712-8725.	3.6	36
23	Mineralocorticoid Receptor Blocker Eplerenone Reduces Pain Behaviors In VivoÂ and Decreases Excitability in Small-diameter Sensory Neurons from Local Inflamed Dorsal Root Ganglia In VitroÂ. Anesthesiology, 2012, 117, 1102-1112.	2.5	36
24	Upregulation of the sodium channel NaVÎ²4 subunit and its contributions to mechanical hypersensitivity and neuronal hyperexcitability in a rat model of radicular pain induced by local dorsal root ganglion inflammation. Pain, 2016, 157, 879-891.	4.2	34
25	Highly Localized Interactions between Sensory Neurons and Sprouting Sympathetic Fibers Observed in a Transgenic Tyrosine Hydroxylase Reporter Mouse. Molecular Pain, 2011, 7, 1744-8069-7-53.	2.1	32
26	Knockdown of the sphingosine-1-phosphate receptor S1PR1reduces pain behaviors induced by local inflammation of the rat sensory ganglion. Neuroscience Letters, 2012, 515, 61-65.	2.1	32
27	Melittin activates TRPV1 receptors in primary nociceptive sensory neurons via the phospholipase A2 cascade pathways. Biochemical and Biophysical Research Communications, 2011, 408, 32-37.	2.1	31
28	High-fat diet exacerbates postoperative pain and inflammation in a sex-dependent manner. Pain, 2018, 159, 1731-1741.	4.2	31
29	Serotonin transporter gene moderates associations between mood, memory and hippocampal volume. Behavioural Brain Research, 2013, 242, 158-165.	2.2	30
30	Preclinical Studies of Low Back Pain. Molecular Pain, 2013, 9, 1744-8069-9-17.	2.1	28
31	FHF2 isoforms differentially regulate Nav1.6-mediated resurgent sodium currents in dorsal root ganglion neurons. Pflugers Archiv European Journal of Physiology, 2017, 469, 195-212.	2.8	24
32	Differential Inhibition of Nav1.7 and Neuropathic Pain by Hybridoma-Produced and Recombinant Monoclonal Antibodies that Target Nav1.7. Neuroscience Bulletin, 2018, 34, 22-41.	2.9	22
33	Blocking the Mineralocorticoid Receptor Improves Effectiveness of Steroid Treatment for Low Back Pain in Rats. Anesthesiology, 2014, 121, 632-643.	2.5	21
34	Key role of CCR2-expressing macrophages in a mouse model of low back pain and radiculopathy. Brain, Behavior, and Immunity, 2021, 91, 556-567.	4.1	20
35	Local Sympathectomy Promotes Anti-inflammatory Responses and Relief of Paclitaxel-induced Mechanical and Cold Allodynia in Mice. Anesthesiology, 2020, 132, 1540-1553.	2.5	20
36	Luteinizing Hormone Activates Chloride Currents in Hen Ovarian Granulosa Cells. Comparative Biochemistry and Physiology A, Comparative Physiology, 1997, 116, 361-368.	0.6	19

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37	Inflammatory Changes in Paravertebral Sympathetic Ganglia in Two Rat Pain Models. Neuroscience Bulletin, 2018, 34, 85-97.	2.9	19
38	Localized sympathectomy reduces peripheral nerve regeneration and pain behaviors in 2 rat neuropathic pain models. Pain, 2020, 161, 1925-1936.	4.2	18
39	Relationship between the serotonin transporter polymorphism and obsessiveâ€“compulsive alcohol craving in alcohol-dependent adults: a pilot study. Alcohol, 2010, 44, 401-406.	1.7	16
40	Bovine serum albumin enhances calcium currents in chicken granulosa cells. Molecular and Cellular Endocrinology, 1993, 94, 27-36.	3.2	14
41	Improving Adherence to Intraoperative Lung-Protective Ventilation Strategies at a University Medical Center. Anesthesia and Analgesia, 2018, 126, 150-160.	2.2	14
42	FMRF-amide modulates the electrical activity of the leech Retzius cell. Neuroscience Letters, 1993, 164, 37-40.	2.1	13
43	Modulatory Effects of Myomodulin on the Excitability and Membrane Currents in Retzius Cells of the Leech. Journal of Neurophysiology, 1999, 82, 216-225.	1.8	13
44	Paradoxical effects of very low dose MK-801. European Journal of Pharmacology, 2006, 537, 77-84.	3.5	12
45	Sympathectomy decreases pain behaviors and nerve regeneration by downregulating monocyte chemokine CCL2 in dorsal root ganglia in the rat tibial nerve crush model. Pain, 2022, 163, e106-e120.	4.2	12
46	Recent evidence for activity-dependent initiation of sympathetic sprouting and neuropathic pain. Acta Physiologica Sinica, 2008, 60, 617-27.	0.5	12
47	Mineralocorticoid Antagonist Improves Glucocorticoid Receptor Signaling and Dexamethasone Analgesia in an Animal Model of Low Back Pain. Frontiers in Cellular Neuroscience, 2018, 12, 453.	3.7	10
48	Role of NaV1.6 and NaVÎ²4 Sodium Channel Subunits in a Rat Model of Low Back Pain Induced by Compression of the Dorsal Root Ganglia. Neuroscience, 2019, 402, 51-65.	2.3	9
49	RSEP1is a novel gene with functional involvement in neuropathic pain behaviour. European Journal of Neuroscience, 2005, 22, 1090-1096.	2.6	7
50	5-HTTLPR Genotype Moderates the Effects of Past Ecstasy Use on Verbal Memory Performance in Adolescent and Emerging Adults: A Pilot Study. PLoS ONE, 2015, 10, e0134708.	2.5	4
51	Mineralocorticoid Receptor, A Promising Target for Improving Management of Low Back Pain by Epidural Steroid Injections. Journal of Anesthesia and Perioperative Medicine, 2016, 3, 177-184.	0.2	4
52	The Sympathetic Nervous System and Pain. , 0, , 156-178.		3
53	Differential Regulation of the Glucocorticoid Receptor in a Rat Model of Inflammatory Pain. Anesthesia and Analgesia, 2020, 131, 298-306.	2.2	1
54	In Response. Anesthesia and Analgesia, 2018, 127, e30.	2.2	0

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55	High-fat diet and post-operative pain: Why the hospital cafeteria may matter. Brain, Behavior, and Immunity, 2018, 74, 45-46.	4.1	0