Hsien-Yu Peng

List of Publications by Year
in descending order

49 papers	1,018 citations	331670 21 h-index	477307 29 g-index
50 all docs	50 docs citations	50 times ranked	1137 citing authors

#	Article	IF	Citations
1	MicroRNA-489-3p attenuates neuropathic allodynia by regulating oncoprotein DEK/TET1-dependent epigenetic modification in the dorsal horn. Neuropharmacology, 2022, 210, 109028.	4.1	5
2	Blocking the Spinal Fbxo3/CARM1/K+ Channel Epigenetic Silencing Pathway as a Strategy for Neuropathic Pain Relief. Neurotherapeutics, 2021, 18, 1295-1315.	4.4	6
3	Cytoprotective Potential of Fucoxanthin in Oxidative Stress-Induced Age-Related Macular Degeneration and Retinal Pigment Epithelial Cell Senescence In Vivo and In Vitro. Marine Drugs, 2021, 19, 114.	4.6	20
4	Solifenacin/Mirabegron Induces an Acute Compliance Increase in the Filling Phase of the Capacity-Reduced Urinary Bladder: A Pressure-Volume Analysis in Rats. Frontiers in Pharmacology, 2021, 12, 657959.	3.5	3
5	Protective Effects of Fucoxanthin Dampen Pathogen-Associated Molecular Pattern (PAMP) Lipopolysaccharide-Induced Inflammatory Action and Elevated Intraocular Pressure by Activating Nrf2 Signaling and Generating Reactive Oxygen Species. Antioxidants, 2021, 10, 1092.	5.1	14
6	A novel naphthalimide derivative reduces platelet activation and thrombus formation via suppressing GPVI. Journal of Cellular and Molecular Medicine, 2021, 25, 9434-9446.	3.6	5
7	Dihydrolipoic acid-coated gold nanocluster bioactivity against senescence and inflammation through the mitochondria-mediated JNK/AP-1 pathway. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 36, 102427.	3.3	4
8	Shoulder transcutaneous electric nerve stimulation decreases heart rate via potentiating vagal tone. Scientific Reports, 2021, 11, 19168.	3.3	0
9	Phospholipase D1 and D2 Synergistically Regulate Thrombus Formation. International Journal of Molecular Sciences, 2020, 21, 6954.	4.1	3
10	NMDA receptor partial agonist GLYX-13 alleviates chronic stress-induced depression-like behavior through enhancement of AMPA receptor function in the periaqueductal gray. Neuropharmacology, 2020, 178, 108269.	4.1	15
11	Inhibiting MLL1-WDR5 interaction ameliorates neuropathic allodynia by attenuating histone H3 lysine 4 trimethylation-dependent spinal mGluR5 transcription. Pain, 2020, 161, 1995-2009.	4.2	15
12	Role of apolipoprotein E in electronegative low-density lipoprotein-induced mitochondrial dysfunction in cardiomyocytes. Metabolism: Clinical and Experimental, 2020, 107, 154227.	3.4	13
13	Pressureâ€volume analysis of rat's micturition cycles in vivo. Neurourology and Urodynamics, 2020, 39, 1304-1312.	1.5	9
14	Transcription Repressor Hes1 Contributes to Neuropathic Pain Development by Modifying CDK9/RNAPII-Dependent Spinal mGluR5 Transcription. International Journal of Molecular Sciences, 2019, 20, 4177.	4.1	4
15	Protective Effects of Fucoxanthin on Ultraviolet B-Induced Corneal Denervation and Inflammatory Pain in a Rat Model. Marine Drugs, 2019, 17, 152.	4.6	28
16	GluN2B/CaMKII mediates CFA-induced hyperalgesia via HDAC4-modified spinal COX2 transcription. Neuropharmacology, 2018, 135, 536-546.	4.1	8
17	Periaqueductal Gray Glutamatergic Transmission Governs Chronic Stress-Induced Depression. Neuropsychopharmacology, 2018, 43, 302-312.	5.4	42
18	Spinal RNF20-Mediated Histone H2B Monoubiquitylation Regulates mGluR5 Transcription for Neuropathic Allodynia. Journal of Neuroscience, 2018, 38, 9160-9174.	3.6	13

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19	(2R,6R)-hydroxynorketamine rescues chronic stress-induced depression-like behavior through its actions in the midbrain periaqueductal gray. Neuropharmacology, 2018, 139, 1-12.	4.1	80
20	Spinal TNF-Î± impedes Fbxo45-dependent Munc13-1 ubiquitination to mediate neuropathic allodynia in rats. Cell Death and Disease, 2018, 9, 811.	6.3	14
21	Continuous Intrathecal Infusion of Cannabinoid Receptor Agonists Attenuates Nerve Ligationâ€“Induced Pain in Rats. Regional Anesthesia and Pain Medicine, 2017, 42, 499-506.	2.3	15
22	Growth Arrest and DNA-damageâ€“inducible Protein 45Î²-mediated DNA Demethylation of Voltage-dependent T-type Calcium Channel 3.2 Subunit Enhances Neuropathic Allodynia after Nerve Injury in Rats. Anesthesiology, 2017, 126, 1077-1095.	2.5	20
23	Electronegative LDL-mediated cardiac electrical remodeling in a rat model of chronic kidney disease. Scientific Reports, 2017, 7, 40676.	3.3	6
24	Human electronegative low-density lipoprotein modulates cardiac repolarization via LOX-1-mediated alteration of sarcolemmal ion channels. Scientific Reports, 2017, 7, 10889.	3.3	5
25	Melatonin impedes Tet1â€dependent mGluR5 promoter demethylation to relieve pain. Journal of Pineal Research, 2017, 63, e12436.	7.4	36
26	Bromodomain-containing Protein 4 Activates Voltage-gated Sodium Channel 1.7 Transcription in Dorsal Root Ganglia Neurons to Mediate Thermal Hyperalgesia in Rats. Anesthesiology, 2017, 127, 862-877.	2.5	19
27	SIRPÎ±1-SHP2 Interaction Regulates Complete Freund Adjuvantâ€“Induced Inflammatory Pain via Src-Dependent GluN2B Phosphorylation in Rats. Anesthesia and Analgesia, 2016, 122, 871-881.	2.2	14
28	Tet1-dependent epigenetic modification of BDNF expression in dorsal horn neurons mediates neuropathic pain in rats. Scientific Reports, 2016, 6, 37411.	3.3	46
29	Spinal Fbxo3-Dependent Fbxl2 Ubiquitination of Active Zone Protein RIM1Î± Mediates Neuropathic Allodynia through Ca_V2.2 Activation. Journal of Neuroscience, 2016, 36, 9722-9738.	3.6	26
30	Melatonin relieves neuropathic allodynia through spinal <scp>MT</scp>2â€enhanced <scp>PP</scp>2Ac and downstream <scp>HDAC</scp>4 shuttlingâ€dependent epigenetic modification of hmgb1 transcription. Journal of Pineal Research, 2016, 60, 263-276.	7.4	39
31	Modulation of Nerve Injuryâ€“induced HDAC4 Cytoplasmic Retention Contributes to Neuropathic Pain in Rats. Anesthesiology, 2015, 123, 199-212.	2.5	38
32	Neuropathic Allodynia Involves Spinal Neurexin-1Î²-dependent Neuroligin-1/Postsynaptic Density-95/NR2B Cascade in Rats. Anesthesiology, 2015, 123, 909-926.	2.5	23
33	Fbxo3-Dependent Fbxl2 Ubiquitination Mediates Neuropathic Allodynia through the TRAF2/TNIK/GluR1 Cascade. Journal of Neuroscience, 2015, 35, 16545-16560.	3.6	32
34	VPS26Aâ€“SNX27 Interaction-Dependent mGluR5 Recycling in Dorsal Horn Neurons Mediates Neuropathic Pain in Rats. Journal of Neuroscience, 2015, 35, 14943-14955.	3.6	33
35	Acute Uterine Irritation Provokes Colonic Motility via Transient Receptor Potential A1-dependent Spinal NR2B Phosphorylation in Rats. Anesthesiology, 2014, 120, 436-446.	2.5	5
36	Spinal Serum-Inducible and Glucocorticoid-Inducible Kinase 1 Mediates Neuropathic Pain via Kalirin and Downstream PSD-95-Dependent NR2B Phosphorylation in Rats. Journal of Neuroscience, 2013, 33, 5227-5240.	3.6	35

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37	Glucocorticoid mediates water avoidance stress-sensitized colon-bladder cross-talk via RSK2/PSD-95/NR2B in rats. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1094-E1106.	3.5	11
38	Spinal SGK1/GRASP-1/Rab4 is involved in complete Freundâ€™s adjuvant-induced inflammatory pain via regulating dorsal horn GluR1-containing AMPA receptor trafficking in rats. Pain, 2012, 153, 2380-2392.	4.2	39
39	Spinal SIRPÎ±1-SHP2 interaction regulates spinal nerve ligation-induced neuropathic pain via PSD-95-dependent NR2B activation in rats. Pain, 2012, 153, 1042-1053.	4.2	31
40	Cyclophosphamide induces NR2B phosphorylation-dependent facilitation on spinal reflex potentiation. American Journal of Physiology - Renal Physiology, 2011, 300, F692-F699.	2.7	7
41	EphrinB2 induces pelvic-urethra reflex potentiation via Src kinase-dependent tyrosine phosphorylation of NR2B. American Journal of Physiology - Renal Physiology, 2011, 300, F403-F411.	2.7	17
42	Protein Kinase Aâ€“dependent Spinal Î±-Amino-3-hydroxy-5-methyl-4-isoxazoleproprionateâ€“receptor Trafficking Mediates Capsaicin-induced Colon-Urethra Cross-organ Reflex Sensitization. Anesthesiology, 2011, 114, 70-83.	2.5	16
43	PI3K modulates estrogenâ€dependent facilitation of colonâ€toâ€urethra crossâ€organ reflex sensitization in ovariectomized female rats. Journal of Neurochemistry, 2010, 113, 54-66.	3.9	21
44	Endogenous ephrinB2 mediates colon-urethra cross-organ sensitization via Src kinase-dependent tyrosine phosphorylation of NR2B. American Journal of Physiology - Renal Physiology, 2010, 298, F109-F117.	2.7	21
45	Estrogen-dependent facilitation on spinal reflex potentiation involves the Cdk5/ERK1/2/NR2B cascade in anesthetized rats. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E416-E426.	3.5	28
46	Colon mustard oil instillation induced cross-organ reflex sensitization on the pelvicâ€“urethra reflex activity in rats. Pain, 2009, 142, 75-88.	4.2	42
47	Neuroactive steroids inhibit spinal reflex potentiation by selectively enhancing specific spinal GABAA receptor subtypes. Pain, 2009, 143, 12-20.	4.2	43
48	TRPV1 mediates the uterine capsaicin-induced NMDA NR2B-dependent cross-organ reflex sensitization in anesthetized rats. American Journal of Physiology - Renal Physiology, 2008, 295, F1324-F1335.	2.7	27
49	Orexin-A modulates glutamatergic NMDA-dependent spinal reflex potentiation via inhibition of NR2B subunit. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E117-E129.	3.5	22