

# Wangyuan Zou

## List of Publications by Year in descending order

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46  
papers

1,060  
citations

430754

18  
h-index

434063

31  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1406  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tmem100 Is a Regulator of TRPA1-TRPV1 Complex and Contributes to Persistent Pain. <i>Neuron</i> , 2015, 85, 833-846.	3.8	143
2	The novel estrogenic receptor GPR30 alleviates ischemic injury by inhibiting TLR4-mediated microglial inflammation. <i>Journal of Neuroinflammation</i> , 2018, 15, 206.	3.1	131
3	The Appropriate Marker for Astrocytes: Comparing the Distribution and Expression of Three Astrocytic Markers in Different Mouse Cerebral Regions. <i>BioMed Research International</i> , 2019, 2019, 1-15.	0.9	70
4	miR-365 targets $\beta$ -arrestin 2 to reverse morphine tolerance in rats. <i>Scientific Reports</i> , 2016, 6, 38285.	1.6	44
5	Intrathecal Lentiviral-Mediated RNA Interference Targeting PKC $\delta$ Attenuates Chronic Constriction Injury-Induced Neuropathic Pain in Rats. <i>Human Gene Therapy</i> , 2011, 22, 465-475.	1.4	40
6	Minocycline Relieves Depressive-Like Behaviors in Rats With Bone Cancer Pain by Inhibiting Microglia Activation in Hippocampus. <i>Anesthesia and Analgesia</i> , 2019, 129, 1733-1741.	1.1	40
7	miR-219-5p targets CaMKII $\beta$ to attenuate morphine tolerance in rats. <i>Oncotarget</i> , 2017, 8, 28203-28214.	0.8	35
8	Normalizing HDAC2 Levels in the Spinal Cord Alleviates Thermal and Mechanical Hyperalgesia After Peripheral Nerve Injury and Promotes GAD65 and KCC2 Expression. <i>Frontiers in Neuroscience</i> , 2019, 13, 346.	1.4	34
9	Identification of lncRNA expression profiles and ceRNA analysis in the spinal cord of morphine-tolerant rats. <i>Molecular Brain</i> , 2018, 11, 21.	1.3	33
10	Neonatal Isoflurane Exposure Induces Neurocognitive Impairment and Abnormal Hippocampal Histone Acetylation in Mice. <i>PLoS ONE</i> , 2015, 10, e0125815.	1.1	32
11	HDAC inhibitor TSA ameliorates mechanical hypersensitivity and potentiates analgesic effect of morphine in a rat model of bone cancer pain by restoring $\mu$ -opioid receptor in spinal cord. <i>Brain Research</i> , 2017, 1669, 97-105.	1.1	30
12	Normalizing GDNF expression in the spinal cord alleviates cutaneous hyperalgesia but not ongoing pain in a rat model of bone cancer pain. <i>International Journal of Cancer</i> , 2017, 140, 411-422.	2.3	28
13	Identification of differentially expressed proteins in the spinal cord of neuropathic pain models with PKC $\gamma$ silencing by proteomic analysis. <i>Brain Research</i> , 2012, 1440, 34-46.	1.1	27
14	Gene knockdown with lentiviral vector-mediated intrathecal RNA interference of protein kinase C gamma reverses chronic morphine tolerance in rats. <i>Journal of Gene Medicine</i> , 2010, 12, 873-880.	1.4	26
15	Suppression of HDAC2 in Spinal Cord Alleviates Mechanical Hyperalgesia and Restores KCC2 Expression in a Rat Model of Bone Cancer Pain. <i>Neuroscience</i> , 2018, 377, 138-149.	1.1	26
16	Microglial annexin A3 downregulation alleviates bone cancer-induced pain through inhibiting the Hif-1 $\alpha$ /vascular endothelial growth factor signaling pathway. <i>Pain</i> , 2020, 161, 2750-2762.	2.0	24
17	Normalizing JMJD6 Expression in Rat Spinal Dorsal Horn Alleviates Hyperalgesia Following Chronic Constriction Injury. <i>Frontiers in Neuroscience</i> , 2018, 12, 542.	1.4	23
18	Enhanced recovery after elective craniotomy: A randomized controlled trial. <i>Journal of Clinical Anesthesia</i> , 2022, 76, 110575.	0.7	23

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19	Neonatal Lipopolysaccharide Challenge Induces Long-lasting Spatial Cognitive Impairment and Dysregulation of Hippocampal Histone Acetylation in Mice. <i>Neuroscience</i> , 2019, 398, 76-87.	1.1	20
20	Circular RNA expression profile in the spinal cord of morphine tolerated rats and screen of putative key circRNAs. <i>Molecular Brain</i> , 2019, 12, 79.	1.3	18
21	miR-873a-5p Targets A20 to Facilitate Morphine Tolerance in Mice. <i>Frontiers in Neuroscience</i> , 2019, 13, 347.	1.4	18
22	SNAP-25 Contributes to Neuropathic Pain by Regulation of VGLuT2 Expression in Rats. <i>Neuroscience</i> , 2019, 423, 86-97.	1.1	16
23	Risk factors and outcomes of urosepsis in patients with calculous pyonephrosis receiving surgical intervention: a single-center retrospective study. <i>BMC Anesthesiology</i> , 2019, 19, 61.	0.7	16
24	Î±-Asarone Alleviated Chronic Constriction Injury-Induced Neuropathic Pain Through Inhibition of Spinal Endoplasmic Reticulum Stress in an Liver X Receptor-Dependent Manner. <i>Anesthesia and Analgesia</i> , 2018, 127, 775-783.	1.1	15
25	Intrathecal herpes simplex virus type 1 amplicon vector-mediated human proenkephalin reduces chronic constriction injury-induced neuropathic pain in rats. <i>Molecular Medicine Reports</i> , 2011, 4, 529-33.	1.1	13
26	PPAR Î³ Prevents Neuropathic Pain by Down-Regulating CX3CR1 and Attenuating M1 Activation of Microglia in the Spinal Cord of Rats Using a Sciatic Chronic Constriction Injury Model. <i>Frontiers in Neuroscience</i> , 2021, 15, 620525.	1.4	13
27	Different symptoms of neuropathic pain can be induced by different degrees of compressive force on the C7 dorsal root of rats. <i>Spine Journal</i> , 2012, 12, 1154-1160.	0.6	12
28	Proteomic Analysis of PKCÎ³-Related Proteins in the Spinal Cord of Morphine-Tolerant Rats. <i>PLoS ONE</i> , 2012, 7, e42068.	1.1	12
29	Oral <i>Lactobacillus reuteri</i> LR06 or <i>Bifidobacterium</i> BL5b supplement do not produce analgesic effects on neuropathic and inflammatory pain in rats. <i>Brain and Behavior</i> , 2019, 9, e01260.	1.0	12
30	Intrathecal Lentivirus-mediated Transfer of Interleukin-10 Attenuates Chronic Constriction Injury-induced Neuropathic Pain through Modulation of Spinal High-mobility Group Box 1 in Rats. <i>Pain Physician</i> , 2013, 5;16, E615-E625.	0.3	12
31	A case of unusual difficult airway because of an intracranial foreign body of bamboo chopstick. <i>Paediatric Anaesthesia</i> , 2009, 19, 921-923.	0.6	10
32	Proteomic Identification of an Upregulated Isoform of Annexin A3 in the Spinal Cords of Rats in a Neuropathic Pain Model. <i>Frontiers in Neuroscience</i> , 2017, 11, 484.	1.4	10
33	N <sup>6</sup> -methyladenosine-regulated gene 2 controls astrocyte morphology via Rho GTPase signaling. <i>Journal of Cellular Physiology</i> , 2019, 234, 20847-20858.	2.0	10
34	Annexin A3 as a Marker Protein for Microglia in the Central Nervous System of Rats. <i>Neural Plasticity</i> , 2021, 2021, 1-15.	1.0	9
35	LncRNA MRAK159688 facilitates morphine tolerance by promoting REST-mediated inhibition of mu opioid receptor in rats. <i>Neuropharmacology</i> , 2022, 206, 108938.	2.0	7
36	Emerging roles of microRNAs in morphine tolerance. <i>Journal of Pain Research</i> , 2019, Volume 12, 1139-1147.	0.8	6

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37	Microinjection of HSV-1 Amplicon Vector-Mediated Human Proenkephalin into the Periaqueductal Grey Attenuates Neuropathic Pain in Rats. <i>International Journal of Neuroscience</i> , 2012, 122, 189-194.	0.8	5
38	The effect of hypercapnic acidosis preconditioning on rabbit myocardium. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2008, 28, 706-710.	1.0	4
39	A randomized comparison of the prone ventilation endotracheal tube versus the traditional endotracheal tube in adult patients undergoing prone position surgery. <i>Scientific Reports</i> , 2017, 7, 1769.	1.6	4
40	A randomized crossover comparison of the prone ventilation endotracheal tube versus the traditional endotracheal tube in pediatric patients undergoing prone position surgery. <i>Paediatric Anaesthesia</i> , 2013, 23, 98-100.	0.6	2
41	Efficacy of caudal vs intravenous administration of $\mu$ 2 adrenoceptor agonists to prolong analgesia in pediatric caudal block: A systematic review and meta-analysis. <i>Paediatric Anaesthesia</i> , 2020, 30, 1322-1330.	0.6	2
42	Effect of the intraoperative use of the hypotension prediction index on postoperative hypotension in the postanesthesia care unit. <i>Comment on Br J Anaesth 2021; 127: 681-8</i> . <i>British Journal of Anaesthesia</i> , 2022, , .	1.5	1
43	Dysregulation of Vesicular Glutamate Transporter VGluT2 via BDNF/TrkB Pathway Contributes to Morphine Tolerance in Mice. <i>Frontiers in Pharmacology</i> , 2022, 13, 861786.	1.6	1
44	Research progress in influence of perioperative hypotension on postoperative outcome of patients. <i>Journal of Central South University (Medical Sciences)</i> , 2021, 46, 84-90.	0.1	0
45	Effect of Intravenous Dexamethasone on Postoperative Pain in Patients Undergoing Total Knee Arthroplasty: A Systematic Review and Meta-Analysis.. <i>Pain Physician</i> , 2022, 25, E169-E183.	0.3	0
46	Commentary: Lung Recruitment, Individualized PEEP, and Prone Position Ventilation for COVID-19-Associated Severe ARDS: A Single Center Observational Study. <i>Frontiers in Medicine</i> , 2022, 9, .	1.2	0