Jing Wang

List of Publications by Year
in descending order

		758635	610482
26 papers	874 citations	12 h-index	24 g-index
28 all docs	28 docs citations	28 times ranked	937 citing authors

#	Article	IF	Citations
1	Activation of Corticostriatal Circuitry Relieves Chronic Neuropathic Pain. Journal of Neuroscience, 2015, 35, 5247-5259.	1.7	224
2	Deep Learning Based on Standard H&E Images of Primary Melanoma Tumors Identifies Patients at Risk for Visceral Recurrence and Death. Clinical Cancer Research, 2020, 26, 1126-1134.	3.2	78
3	Chronic pain induces generalized enhancement of aversion. ELife, 2017, 6, .	2.8	75
4	Ketamine reduces aversion in rodent pain models by suppressing hyperactivity of the anterior cingulate cortex. Nature Communications, 2018, 9, 3751.	5.8	73
5	Mapping Cortical Integration of Sensory and Affective Pain Pathways. Current Biology, 2020, 30, 1703-1715.e5.	1.8	68
6	Scaling Up Cortical Control Inhibits Pain. Cell Reports, 2018, 23, 1301-1313.	2.9	67
7	Persistent pain alters AMPA receptor subunit levels in the nucleus accumbens. Molecular Brain, 2015, 8, 46.	1.3	38
8	A prototype closed-loop brain–machine interface for the study and treatment of pain. Nature Biomedical Engineering, 2023, 7, 533-545.	11.6	29
9	Local field potential decoding of the onset and intensity of acute pain in rats. Scientific Reports, 2018, 8, 8299.	1.6	26
10	Rate and Temporal Coding Mechanisms in the Anterior Cingulate Cortex for Pain Anticipation. Scientific Reports, 2018, 8, 8298.	1.6	25
11	Automated digital TIL analysis (ADTA) adds prognostic value to standard assessment of depth and ulceration in primary melanoma. Scientific Reports, 2021, 11, 2809.	1.6	20
12	Detecting acute pain signals from human EEG. Journal of Neuroscience Methods, 2021, 347, 108964.	1.3	18
13	Closed-loop stimulation using a multiregion brain-machine interface has analgesic effects in rodents. Science Translational Medicine, 2022, 14, .	5.8	17
14	Predictive coding models for pain perception. Journal of Computational Neuroscience, 2021, 49, 107-127.	0.6	16
15	AMPAkines and morphine provide complementary analgesia. Behavioural Brain Research, 2017, 334, 1-5.	1.2	15
16	Granger causality analysis of rat cortical functional connectivity in pain. Journal of Neural Engineering, 2020, 17, 016050.	1.8	13
17	Neuromodulation for Pain Management. Advances in Experimental Medicine and Biology, 2019, 1101, 207-223.	0.8	13
18	Sleep spindles as a diagnostic and therapeutic target for chronic pain. Molecular Pain, 2020, 16, 174480692090235.	1.0	12

#	ARTICLE	IF	CITATIONS
19	Disrupted population coding in the prefrontal cortex underlies pain aversion. Cell Reports, 2021, 37, 109978.	2.9	12
20	Pharmacological restoration of anti-nociceptive functions in the prefrontal cortex relieves chronic pain. Progress in Neurobiology, 2021, 201, 102001.	2.8	8
21	Persistent neuropathic pain increases synaptic GluA1 subunit levels in core and shell subregions of the nucleus accumbens. Neuroscience Letters, 2015, 609, 176-181.	1.0	7
22	A Predictive Coding Model for Evoked and Spontaneous Pain Perception. , 2019, 2019, 2964-2967.		7
23	Ketamine normalizes high-gamma power in the anterior cingulate cortex in a rat chronic pain model. Molecular Brain, 2020, 13, 129.	1.3	6
24	AMPAkines potentiate the corticostriatal pathway to reduce acute and chronic pain. Molecular Brain, 2021, 14, 45.	1.3	3
25	A new automated device for quantifying mechanical nociceptive responses. Journal of Neuroscience Methods, 2019, 312, 148-153.	1.3	2
26	Intracranial Pharmacotherapy and Pain Assays in Rodents. Journal of Visualized Experiments, 2019, , .	0.2	0