Jing Wang

List of Publications by Year in Descending Order

24 papers	443 citations	9 h-index	21 g-index
28 ext. papers	671 ext. citations	6.6 avg, IF	3.46 L-index

#	Paper	IF	Citations
24	Disrupted population coding in the prefrontal cortex underlies pain aversion. *Cell Reports*, **2021**, 37, 109778	10.6	0
23	AMPAkines potentiate the corticostriatal pathway to reduce acute and chronic pain. *Molecular Brain*, **2021**, 14, 45	4.5	0
22	Pharmacological restoration of anti-nociceptive functions in the prefrontal cortex relieves chronic pain. *Progress in Neurobiology*, **2021**, 201, 102001	10.9	2
21	A prototype closed-loop brain-machine interface for the study and treatment of pain. *Nature Biomedical Engineering*, **2021**,	19	4
20	Detecting acute pain signals from human EEG. *Journal of Neuroscience Methods*, **2021**, 347, 108964	3	6
19	Predictive coding models for pain perception. *Journal of Computational Neuroscience*, **2021**, 49, 107-127	1.4	3
18	Automated digital TIL analysis (ADTA) adds prognostic value to standard assessment of depth and ulceration in primary melanoma. *Scientific Reports*, **2021**, 11, 2809	4.9	2
17	Granger causality analysis of rat cortical functional connectivity in pain. *Journal of Neural Engineering*, **2020**, 17, 016050	5	7
16	Mapping Cortical Integration of Sensory and Affective Pain Pathways. *Current Biology*, **2020**, 30, 1703-1715.e5	9.5	22
15	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	12.9	29
14	Sleep spindles as a diagnostic and therapeutic target for chronic pain. *Molecular Pain*, **2020**, 16, 1744806920902350	3.4	3
13	Ketamine normalizes high-gamma power in the anterior cingulate cortex in a rat chronic pain model. *Molecular Brain*, **2020**, 13, 129	4.5	2
12	Neuromodulation for Pain Management. *Advances in Experimental Medicine and Biology*, **2019**, 1101, 207-223	3.6	7
11	A Predictive Coding Model for Evoked and Spontaneous Pain Perception. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2019**, 2019, 2964-2967	0.9	4
10	A new automated device for quantifying mechanical nociceptive responses. *Journal of Neuroscience Methods*, **2019**, 312, 148-153	3	2
9	Scaling Up Cortical Control Inhibits Pain. *Cell Reports*, **2018**, 23, 1301-1313	10.6	31
8	Ketamine reduces aversion in rodent pain models by suppressing hyperactivity of the anterior cingulate cortex. *Nature Communications*, **2018**, 9, 3751	17.4	36

7	Local field potential decoding of the onset and intensity of acute pain in rats. *Scientific Reports*, **2018**, 8, 8299	4.9	12
6	Rate and Temporal Coding Mechanisms in the Anterior Cingulate Cortex for Pain Anticipation. *Scientific Reports*, **2018**, 8, 8298	4.9	13
5	Chronic pain induces generalized enhancement of aversion. *ELife*, **2017**, 6,	8.9	42
4	AMPAkines and morphine provide complementary analgesia. *Behavioural Brain Research*, **2017**, 334, 1-5	3.4	8
3	Activation of corticostriatal circuitry relieves chronic neuropathic pain. *Journal of Neuroscience*, **2015**, 35, 5247-59	6.6	167
2	Persistent pain alters AMPA receptor subunit levels in the nucleus accumbens. *Molecular Brain*, **2015**, 8, 46	4.5	32
1	Persistent neuropathic pain increases synaptic GluA1 subunit levels in core and shell subregions of the nucleus accumbens. *Neuroscience Letters*, **2015**, 609, 176-81	3.3	7