

# Jing Wang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Activation of corticostriatal circuitry relieves chronic neuropathic pain. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 5247-59   | 6.6  | 167       |
| 23 | Chronic pain induces generalized enhancement of aversion. <i>ELife</i> , <b>2017</b> , 6,   | 8.9  | 42        |
| 22 | Ketamine reduces aversion in rodent pain models by suppressing hyperactivity of the anterior cingulate cortex. <i>Nature Communications</i> , <b>2018</b> , 9, 3751   | 17.4 | 36        |
| 21 | Persistent pain alters AMPA receptor subunit levels in the nucleus accumbens. <i>Molecular Brain</i> , <b>2015</b> , 8, 46  | 4.5  | 32        |
| 20 | Scaling Up Cortical Control Inhibits Pain. <i>Cell Reports</i> , <b>2018</b> , 23, 1301-1313  | 10.6 | 31        |
| 19 | Deep Learning Based on Standard H&E Images of Primary Melanoma Tumors Identifies Patients at Risk for Visceral Recurrence and Death. <i>Clinical Cancer Research</i> , <b>2020</b> , 26, 1126-1134  | 12.9 | 29        |
| 18 | Mapping Cortical Integration of Sensory and Affective Pain Pathways. <i>Current Biology</i> , <b>2020</b> , 30, 1703-1715.e5  | 12.5 | 22        |
| 17 | Rate and Temporal Coding Mechanisms in the Anterior Cingulate Cortex for Pain Anticipation. <i>Scientific Reports</i> , <b>2018</b> , 8, 8298   | 4.9  | 13        |
| 16 | Local field potential decoding of the onset and intensity of acute pain in rats. <i>Scientific Reports</i> , <b>2018</b> , 8, 8299  | 4.9  | 12        |
| 15 | AMPAkines and morphine provide complementary analgesia. <i>Behavioural Brain Research</i> , <b>2017</b> , 334, 1-5  | 3.4  | 8         |
| 14 | Granger causality analysis of rat cortical functional connectivity in pain. <i>Journal of Neural Engineering</i> , <b>2020</b> , 17, 016050   | 5    | 7         |
| 13 | Persistent neuropathic pain increases synaptic GluA1 subunit levels in core and shell subregions of the nucleus accumbens. <i>Neuroscience Letters</i> , <b>2015</b> , 609, 176-81  | 3.3  | 7         |
| 12 | Neuromodulation for Pain Management. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1101, 207-223   | 3.6  | 7         |
| 11 | Detecting acute pain signals from human EEG. <i>Journal of Neuroscience Methods</i> , <b>2021</b> , 347, 108964   | 3    | 6         |
| 10 | Sleep spindles as a diagnostic and therapeutic target for chronic pain. <i>Molecular Pain</i> , <b>2020</b> , 16, 17448069-20903350   | 3.5  | 3         |
| 9  | A prototype closed-loop brain-machine interface for the study and treatment of pain. <i>Nature Biomedical Engineering</i> , <b>2021</b> ,   | 19   | 4         |
| 8  | A Predictive Coding Model for Evoked and Spontaneous Pain Perception. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2019</b> , 2019, 2964-2967 | 0.9  | 4         |

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|---|--|------|---|
| 7 | Predictive coding models for pain perception. <i>Journal of Computational Neuroscience</i> , <b>2021</b> , 49, 107-127   | 1.4  | 3 |
| 6 | Ketamine normalizes high-gamma power in the anterior cingulate cortex in a rat chronic pain model. <i>Molecular Brain</i> , <b>2020</b> , 13, 129                                  | 4.5  | 2 |
| 5 | Pharmacological restoration of anti-nociceptive functions in the prefrontal cortex relieves chronic pain. <i>Progress in Neurobiology</i> , <b>2021</b> , 201, 102001              | 10.9 | 2 |
| 4 | A new automated device for quantifying mechanical nociceptive responses. <i>Journal of Neuroscience Methods</i> , <b>2019</b> , 312, 148-153                                       | 3    | 2 |
| 3 | Automated digital TIL analysis (ADTA) adds prognostic value to standard assessment of depth and ulceration in primary melanoma. <i>Scientific Reports</i> , <b>2021</b> , 11, 2809 | 4.9  | 2 |
| 2 | Disrupted population coding in the prefrontal cortex underlies pain aversion. <i>Cell Reports</i> , <b>2021</b> , 37, 109978   | 7.6  | 0 |
| 1 | AMPAkines potentiate the corticostriatal pathway to reduce acute and chronic pain. <i>Molecular Brain</i> , <b>2021</b> , 14, 45   | 4.5  | 0 |