

# Zirong Gu

## List of Publications by Year in descending order

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8  
papers

661  
citations

1307594

7  
h-index

1588992

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g-index

8  
all docs

8  
docs citations

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times ranked

1253  
citing authors

#	ARTICLE	IF	CITATIONS
1	Semaphorin-Mediated Corticospinal Axon Elimination Depends on the Activity-Induced Bax/Bak-Caspase Pathway. <i>Journal of Neuroscience</i> , 2020, 40, 5402-5412.	3.6	7
2	Olig2-Induced Semaphorin Expression Drives Corticospinal Axon Retraction After Spinal Cord Injury. <i>Cerebral Cortex</i> , 2020, 30, 5702-5716.	2.9	17
3	Skilled Movements in Mice Require Inhibition of Corticospinal Axon Collateral Formation in the Spinal Cord by Semaphorin Signaling. <i>Journal of Neuroscience</i> , 2019, 39, 8885-8899.	3.6	11
4	Corticospinal Circuits from the Sensory and Motor Cortices Differentially Regulate Skilled Movements through Distinct Spinal Interneurons. <i>Cell Reports</i> , 2018, 23, 1286-1300.e7.	6.4	153
5	Skilled Movements Require Non-apoptotic Bax/Bak Pathway-Mediated Corticospinal Circuit Reorganization. <i>Neuron</i> , 2017, 94, 626-641.e4.	8.1	42
6	Control of species-dependent cortico-motoneuronal connections underlying manual dexterity. <i>Science</i> , 2017, 357, 400-404.	12.6	92
7	Expression of the Immunoglobulin Superfamily Cell Adhesion Molecules in the Developing Spinal Cord and Dorsal Root Ganglion. <i>PLoS ONE</i> , 2015, 10, e0121550.	2.5	10
8	Sema3A regulates bone-mass accrual through sensory innervations. <i>Nature</i> , 2013, 497, 490-493.	27.8	329