

Sunil P Gandhi

List of Publications by Year in descending order

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15
papers

754
citations

840776

11
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

1064
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical Plasticity Induced by Inhibitory Neuron Transplantation. <i>Science</i> , 2010, 327, 1145-1148.	12.6	256
2	Delayed plasticity of inhibitory neurons in developing visual cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16797-16802.	7.1	105
3	Neuregulin-1/ErbB4 Signaling Regulates Visual Cortical Plasticity. <i>Neuron</i> , 2016, 92, 160-173.	8.1	91
4	Inhibitory Neuron Transplantation into Adult Visual Cortex Creates a New Critical Period that Rescues Impaired Vision. <i>Neuron</i> , 2015, 86, 1055-1066.	8.1	87
5	Imaging the dynamic recruitment of monocytes to the blood-brain barrier and specific brain regions during <i>Toxoplasma gondii</i> infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24796-24807.	7.1	38
6	Subanesthetic Ketamine Reactivates Adult Cortical Plasticity to Restore Vision from Amblyopia. <i>Current Biology</i> , 2020, 30, 3591-3603.e8.	3.9	38
7	Contralateral Bias of High Spatial Frequency Tuning and Cardinal Direction Selectivity in Mouse Visual Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 10125-10138.	3.6	36
8	Long-term Monocular Deprivation during Juvenile Critical Period Disrupts Binocular Integration in Mouse Visual Thalamus. <i>Journal of Neuroscience</i> , 2020, 40, 585-604.	3.6	34
9	An eye-opening experience. <i>Nature Neuroscience</i> , 2005, 8, 9-10.	14.8	25
10	Contribution of Innate Cortical Mechanisms to the Maturation of Orientation Selectivity in Parvalbumin Interneurons. <i>Journal of Neuroscience</i> , 2017, 37, 820-829.	3.6	14
11	Precocious deposition of perineuronal nets on Parvalbumin inhibitory neurons transplanted into adult visual cortex. <i>Scientific Reports</i> , 2018, 8, 7480.	3.3	13
12	Functional Differentiation of Mouse Visual Cortical Areas Depends upon Early Binocular Experience. <i>Journal of Neuroscience</i> , 2021, 41, 1470-1488.	3.6	7
13	Host interneurons mediate plasticity reactivated by embryonic inhibitory cell transplantation in mouse visual cortex. <i>Nature Communications</i> , 2021, 12, 862.	12.8	5
14	Contribution of Innate Cortical Mechanisms to the Maturation of Orientation Selectivity in Parvalbumin Interneurons. <i>Journal of Neuroscience</i> , 2017, 37, 820-829.	3.6	2
15	Healing Pains of the Past Using Neuronal Transplantation. <i>Neuron</i> , 2016, 92, 1157-1159.	8.1	0