Samar B Mehta

List of Publications by Year
in descending order

14 papers	1,957 citations	840728 11 h-index	1058452 14 g-index
15 all docs	15 docs citations	15 times ranked	3107 citing authors

#	Article	IF	Citations
1	Chronux: A platform for analyzing neural signals. Journal of Neuroscience Methods, 2010, 192, 146-151.	2.5	747
2	Quality Metrics to Accompany Spike Sorting of Extracellular Signals. Journal of Neuroscience, 2011, 31, 8699-8705.	3.6	358
3	CO_2 signaling in guard cells: Calcium sensitivity response modulation, a Ca^{2+}-independent phase, and CO_2 insensitivity of the gca2 mutant. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7506-7511.	7.1	174
4	Active Spatial Perception in the Vibrissa Scanning Sensorimotor System. PLoS Biology, 2007, 5, e15.	5.6	147
5	Reversing cerebellar long-term depression. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 15989-15993.	7.1	144
6	Genomic Analysis of Lassa Virus during an Increase in Cases in Nigeria in 2018. New England Journal of Medicine, 2018, 379, 1745-1753.	27.0	135
7	Deployable CRISPR-Cas13a diagnostic tools to detect and report Ebola and Lassa virus cases in real-time. Nature Communications, 2020, 11, 4131.	12.8	101
8	Frisking the Whiskers. Neuron, 2004, 41, 181-184.	8.1	56
9	Stability and Plasticity of Developing Synapses in Hippocampal Neuronal Cultures. Journal of Neuroscience, 2002, 22, 775-781.	3.6	44
10	Jamestown Canyon virus in Massachusetts: clinical case series and vector screening. Emerging Microbes and Infections, 2020, 9, 903-912.	6.5	20
11	Field evaluation of a Pan-Lassa rapid diagnostic test during the 2018 Nigerian Lassa fever outbreak. Scientific Reports, 2020, 10, 8724.	3.3	14
12	Spectral Mixing in Nervous Systems: Experimental Evidence and Biologically Plausible Circuits. Progress of Theoretical Physics Supplement, 2006, 161, 86-98.	0.1	9
13	Lassa Virus Genetics. Current Topics in Microbiology and Immunology, 2020, , 1.	1.1	4
14	Computational Intelligence in Electrophysiology: Trends and Open Problems. Studies in Computational Intelligence, 2008, , 325-359.	0.9	2