Nada Yousif

List of Publications by Year
in descending order

12	283	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	349
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The peri-electrode space is a significant element of the electrodeâ€“brain interface in deep brain stimulation: A computational study. Brain Research Bulletin, 2007, 74, 361-368.	3.0	44
2	Investigating the depth electrodeâ€“brain interface in deep brain stimulation using finite element models with graded complexity in structure and solution. Journal of Neuroscience Methods, 2009, 184, 142-151.	2.5	41
3	Modeling the current distribution across the depth electrodeâ€“brain interface in deep brain stimulation. Expert Review of Medical Devices, 2007, 4, 623-631.	2.8	39
4	Evaluating the impact of the deep brain stimulation induced electric field on subthalamic neurons: A computational modelling study. Journal of Neuroscience Methods, 2010, 188, 105-112.	2.5	31
5	Traditional Trial and Error versus Neuroanatomic 3-Dimensional Image Software-Assisted Deep Brain Stimulation Programming in Patients with ParkinsonÂDisease. World Neurosurgery, 2020, 134, e98-e102.	1.3	27
6	A Network Model of Local Field Potential Activity in Essential Tremor and the Impact of Deep Brain Stimulation. PLoS Computational Biology, 2017, 13, e1005326.	3.2	26
7	The role of cortical feedback in the generation of the temporal receptive field responses of lateral geniculate nucleus neurons: a computational modelling study. Biological Cybernetics, 2007, 97, 269-277.	1.3	21
8	Spatiotemporal visualization of deep brain stimulationâ€induced effects in the subthalamic nucleus. European Journal of Neuroscience, 2012, 36, 2252-2259.	2.6	17
9	A Population Model of Deep Brain Stimulation in Movement Disorders From Circuits to Cells. Frontiers in Human Neuroscience, 2020, 14, 55.	2.0	16
10	Reversing the polarity of bipolar stimulation in deep brain stimulation for essential tremor: A theoretical explanation for a useful clinical intervention. Neurocase, 2014, 20, 10-17.	0.6	12
11	An automated approach towards detecting complex behaviours in deep brain oscillations. Journal of Neuroscience Methods, 2014, 224, 66-78.	2.5	5
12	Mapping the current flow in sacral nerve stimulation using computational modelling. Healthcare Technology Letters, 2019, 6, 8-12.	3.3	4