Thomas J Foutz

List of Publications by Year
in descending order

12	937	933447 10	1281871 11
papers	citations	h-index	g-index

12	12	12	1364
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic heterogeneity of the vasculogenic phenotype parallels angiogenesis. Cancer Cell, 2005, 7, 101-111.	16.8	332
2	Evaluation of novel stimulus waveforms for deep brain stimulation. Journal of Neural Engineering, 2010, 7, 066008.	3.5	128
3	Extracellular nucleotides are potent stimulators of human hematopoietic stem cells in vitro and in vivo. Blood, 2004, 104, 1662-1670.	1.4	111
4	Assessing Tumor Angiogenesis. Cancer Research, 2004, 64, 4373-4377.	0.9	83
5	Current steering to activate targeted neural pathways during deep brain stimulation of the subthalamic region. Brain Stimulation, 2012, 5, 369-377.	1.6	78
6	Theoretical principles underlying optical stimulation of a channelrhodopsin-2 positive pyramidal neuron. Journal of Neurophysiology, 2012, 107, 3235-3245.	1.8	73
7	Computational modeling of deep brain stimulation. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 116, 55-61.	1.8	47
8	Energy Efficient Neural Stimulation: Coupling Circuit Design and Membrane Biophysics. PLoS ONE, 2012, 7, e51901.	2.5	29
9	Theoretical principles underlying optical stimulation of myelinated axons expressing channelrhodopsin-2. Neuroscience, 2013, 248, 541-551.	2.3	29
10	Successful Treatment of Holmes Tremor With Deep Brain Stimulation of the Prelemniscal Radiations. Frontiers in Surgery, 2018, 5, 21.	1.4	14
11	Brain stimulation treatments in epilepsy: Basic mechanisms and clinical advances. Biomedical Journal, 2022, 45, 27-37.	3.1	13
12	Illuminating Seizures: Combined Optical and Electrophysiological Recording Techniques Provide Novel Insights Into Seizure Dynamics. Epilepsy Currents, 2022, 22, 153575972110536.	0.8	0