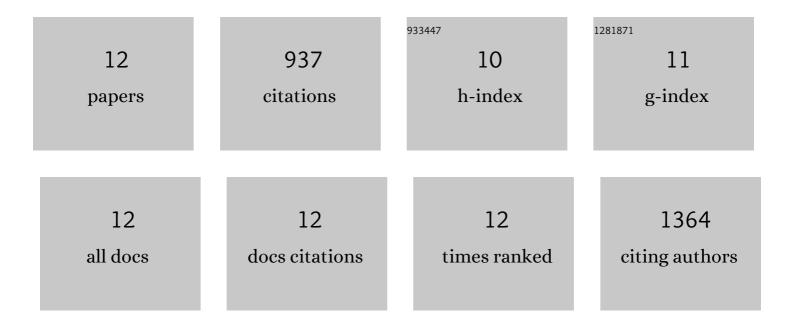
## Thomas J Foutz

List of Publications by Year in descending order

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THOMAS | FOUTZ

| #  | 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<br>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.<br>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<br>Novel Insights Into Seizure Dynamics. Epilepsy Currents, 2022, 22, 153575972110536. | 0.8  | 0         |