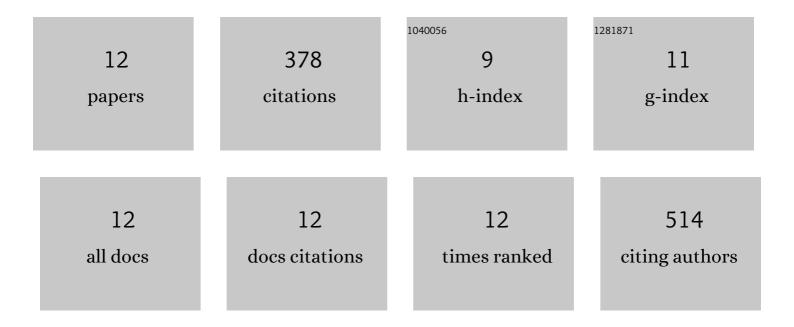
## Victor Krauthamer

List of Publications by Year in descending order

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| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Longitudinal Functional Assessment of Brain Injury Induced by High-Intensity Ultrasound Pulse<br>Sequences. Scientific Reports, 2019, 9, 15518.  | 3.3  | 4         |
| 2  | Rapid evaluation of the durability of cortical neural implants using accelerated aging with reactive oxygen species. Journal of Neural Engineering, 2015, 12, 026003.                      | 3.5  | 150       |
| 3  | Longitudinal vascular dynamics following cranial window and electrode implantation measured with speckle variance optical coherence angiography. Biomedical Optics Express, 2014, 5, 2823. | 2.9  | 29        |
| 4  | Mechanical bioeffects of pulsed high intensity focused ultrasound on a simple neural model. Medical<br>Physics, 2012, 39, 4274-4283.   | 3.0  | 46        |
| 5  | Altered calcium dynamics in cardiac cells grown on silane-modified surfaces. Biomaterials, 2010, 31, 602-607.  | 11.4 | 16        |
| 6  | The pharmacology of electrical stimulation in the heart: Where devices meet drugs. Drug Discovery<br>Today: Technologies, 2007, 4, 63-67.  | 4.0  | 0         |
| 7  | Method for evaluating optical characteristics of endoscopes for recording fluorescence-related cardiac electrical activity. Applied Optics, 2002, 41, 6725.                                | 2.1  | 1         |
| 8  | Calcium dynamics in cultured heart cells exposed to defibrillator-type electric shocks. Life Sciences, 1997, 60, 1977-1985.  | 4.3  | 40        |
| 9  | Directional guidance of neurite outgrowth using substrates patterned with biomaterials. BioSystems, 1995, 35, 199-202.   | 2.0  | 11        |
| 10 | Use of chemically patterned substrate to study directional effect of damaging electrical stimulation on cultured neuroblastoma cells. Brain Research, 1994, 667, 47-53.                    | 2.2  | 13        |
| 11 | Containment and growth of neuroblastoma cells on chemically patterned substrates. Journal of Neuroscience Methods, 1993, 50, 253-260.  | 2.5  | 55        |
| 12 | Morphological and electrophysiological changes produced by electrical stimulation in cultured neuroblastoma cells. Bioelectromagnetics, 1991, 12, 299-314.                                 | 1.6  | 13        |